

# COMMONWEALTH of VIRGINIA

DEPARTMENT OF ENVIRONMENTAL QUALITY

Blue Ridge Regional Office www.deq.virginia.gov

Robert J. Weld Regional Director

Roanoke Office

3019 Peters Creek Road Roanoke, Virginia 24019 (540) 562-6700 Fax (540) 562-6725

Lynchburg Office
7705 Timberlake Road

Douglas W. Domenech

Secretary of Natural Resources

Lynchburg, Virginia 24502 (434) 582-5120 Fax (434) 582-5125

December 5, 2011

Mr. Donnie Neblett, Town Manager Town of Kenbridge 511 East Fifth Avenue P. O. Box 478 Kenbridge, VA 23944

RE: Kenbridge STP, VPDES Permit #VA0026239

Dear Mr. Neblett:

This is to advise you that your application for a VPDES Permit is considered incomplete. We cannot process your permit application until you provide the following information:

• The application was not signed.

A complete application for reissuance is due at least 180 days before a permit expires. In the event that a VPDES permit expires as a result of failure to reapply in a timely manner, a facility may be considered as discharging without a valid VPDES permit.

This letter is intended to provide information on what information DEQ believes is needed in order to fully evaluate your permit application and is not a final determination or case decision under the Administrative Process Act. If you would like to discuss the information contained in this letter, please contact me at (434) 582-5120. In the event that discussions with staff do not lead to a satisfactory resolution of the contents of this letter, you may elect to participate in DEQ's Process for Early Dispute Resolution. For information on the Process for Early Dispute Resolution, please visit the "Laws & Regulations", then the "DEQ Regulations" portion of our website for: http://www.deq.virginia.gov/regulations/pdf/Process for Early Dispute Resolution 8260532.pdf

If you have any questions about this letter, please call me at (434) 582-5120.

Sincerely,

Frank Bowman

Environmental Engineer

June Boman

Compliance Auditor



# TOWN OF KENBRIDGE

Richard W. Harris

COUNCIL

Cathy A. Gilley Emory M. Hodges D. Ken Blackburn Thomas A. Palmore James J. Roberts Daniel G. Thompson

## KENBRIDGE COMMUNITY CENTER

511 East Fifth Avenue Second Floor P. O. Box 478 Kenbridge, Virginia 23944 (434) 676-2452 Fax (434) 676-8068

November 17, 2010

Calvin S. Senger, Jr.

Charles D. Neblett, Jr.

Donna N. Russell TREASURER

Cindi K. Breedlove DEPUTY TREASURER

Department of Environmental Quality Blue Ridge Regional Office 7705 Timberlake Road Lynchburg, Virginia 24502

ATTN: Mr. Frank Bowman

Dear Mr. Bowman,

Enclosed please find the original and three copies of the Town of Kenbridge VPDES Application.

Please advise if further information is required.

Sincerely,

**Donnie Neblett** 

Lonnie Neblot

Town Manager

**Enclosures** 

1/2/



# **COMMONWEALTH of VIRGINIA**

DEPARTMENT OF ENVIRONMENTAL QUALITY
Blue Ridge Regional Office

www.deg.virginia.gov

David K. Paylor Director

Robert J. Weld Regional Director

Roanoke Office

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Lynchburg Office 7705 Timberlake Road Lynchburg, Virginia 24502 (434) 582-5120 Fax (434) 582-5125

Doug Domenech

Secretary of Natural Resources

June 20, 2011

Mr. Donnie Neblett Town Manager Town of Kenbridge 511 E. Fifth Avenue Kenbridge, VA 23944

Dear Mr. Neblett:

Re:

VPDES Permit No. VA0026239; Kenbridge STP

This letter is to remind you that your VPDES permit will expire on June 10, 2012. If you wish to continue discharging, you must reapply for the permit. The State Water Control Board's VPDES Permit Regulation requires that we receive a complete application at least 180 days before the existing permit expires. The deadline for submitting the application is December 13, 2011. Early submissions are welcome and will better enable us to complete processing before permit expiration. The instructions and application forms are enclosed. If you would like to request a waiver from any of the sampling or testing requirements in the application forms, you must submit your application and a thorough justification for the request at least 240 days prior to the exiting permit's expiration date. These waiver requests must be approved by DEQ and the U.S. EPA at least 180 days before the existing permit expires. DEQ will review your waiver request and, if it is justified, forward it to EPA. Failure to submit the waiver request by the 240 day deadline will result in the waiver being denied. Also, the owner is responsible for the payment of the public notice publishing cost and you acknowledge that you must pay the cost by completing the Public Notice Billing Information Form. Receipt of the form is required with the submittal of the application package.

Upon completing the application, return the original and three copies to the Blue Ridge Regional Office – Lynchburg at the above address. Please call me at (434) 582-6207 if you have any questions.

Sincerely,

Frank Bowman

**Environmental Engineer** 

Enclosures:

EPA General Form 1, EPA Form 2A w/ instructions, VPDES Sludge Permit

Application w/ instructions, VPDES Permit Addendum, Pollution Prevention Flyer, Paperwork Reduction Act Notice; Authorization to Bill Applicant for a Public Notice

Cc: BRRO-Lynchburg Permit Processing File (VA0026239)

## Pollution Prevention Flyer

## Pollution Prevention and Pollution Control

## Know Your Options





## Pollution Prevention May Help Your Facility Reduce Its Water Discharges

Today, many facilities are taking the opportunity to look at achieving broader environmental management objectives rather than concentrating solely on meeting pollution control and regulatory standards. These facilities are realizing that pollution prevention is very often economically beneficial and can result in significant environmental benefits.

## What is Pollution Prevention?

Liquid, solid and /or gaseous waste materials are generated during the manufacture products. In addition to environmental problems, these waste streams represent a loss of valuable materials and energy from the production process and may require significant investment in pollution control equipment to meet more stringent regulatory requirements. In addition, there are costs associated with waste handling, monitoring, compliance reporting and the long-term liability issues associated with these wastes.

Traditional pollution control focuses on end-of-pipe and out-the-back-door viewpoints.

Pollution prevention emphasizes the elimination or reduction of waste discharges at the source of generation. If wastes are not generated, the wastes do not have to be managed.

Facilities have many reasons to implement pollution prevention techniques. Achieving compliance with regulatory standards, saving money and improving public relations are a few of the reasons why proactive Virginia facilities are investing in pollution prevention alternatives.

For example, a Richmond metal finisher added an ion exchange polishing process to their pretreatment system, which enabled them to eliminate the need to discharge to the local Publicly Owned Treatment Works (POTW). The new system allows total effluent flow to be reused continuously in the plant. By investing in pollution prevention efforts, the facility reduced their water purchase and disposal costs by 80%.

## Pollution Prevention Assistance

The Office of Pollution Prevention, a voluntary, non-regulatory technical assistance program within the Virginia Department of Environmental Quality, is available to assist your facility with its pollution prevention efforts. Services of OPP include:

- Access to engineers trained to assist you in evaluating your processes and needs
- Access to up-to-date information on new and innovative pollution prevention techniques
- P2 training and workshops targeted at specific waste-generating activities
- Industry-specific reports and fact sheets researched and written by Office of Pollution
   Prevention staff for the benefit of Virginia-based facilities
- On-site assistance in the form of "Pollution Prevention Opportunity Assessments" (over)

For more information, please contact:

## Office of Pollution Prevention Virginia Department of Environmental Quality

PO Box 10009 Richmond, VA 23240 - 0009 804-698-4235/4545 http://www.deq.state.va.us/p2

# More Resources for Pollution Prevention Information:

Virginia Department of Environmental Quality's Small Business Assistance Office

http://www.deq.state.va.us/osba/smallbiz.html

Environmental Protection Agency's Pollution Prevention Division

http://www.epa.gov/opptintr/p2home

Waste Reduction Resource Center

http://wrrc.p2pays.org

State and Territorial Air Pollution Prevention Administration, Association of Local Air Pollution Control Officials (STAPPA/ALAPCO)

http://www.4cleanair.org

EPA EnviroSense: Assists in Pollution Prevention implementation

http://es.epa.gov

Department of Energy's Office of Pollution Prevention

http://em.doe.gov/wastemin

Technology Transfer Network Bulletin Board

http://www.epa.gov/tin

### SECTION L - LETTERS AND FORMS

### Paperwork Reduction Act Notice

Collection of this information is governed by the Paperwork Reduction Act, and has been approved by the Office of Management and Budget (OMB) in accordance with 5 CFR 1320. The OMB approval number is 2040-0086, expiring May 31, 1992. The public reporting burden for each Application for Permit to Discharge Wastewater is estimated as follows:

### Standard Form A

Public reporting burden for this collection of information is estimated to be an average of <u>15 hours</u> including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

### Short Form A

Public reporting burden for this collection of information is estimated to be an average of <u>1 hour</u>, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

#### Form 1

Public reporting burden for this collection of information is estimated to be an average of <u>3 hours</u>, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

### Form 2b

Public reporting burden for this collection of information is estimated to be an average of <u>6 hours</u>, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

## Form 2c

Public reporting burden for this collection of information is estimated to be weighted average for all major and minor facilities of 33 hours, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

## Form 2d

Public reporting burden for this collection of information is estimated to vary from a range of <u>32 hours</u> as an average per response for some minor facilities, to <u>46 hours</u> as an average per response for some major facilities, with a weighted average for major and minor facilities of <u>33.2 hours</u> per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

### Form 2e

Public reporting burden for this collection of information is estimated to be an average of 14 hours, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

### Form 2f

Public reporting burden for this collection of information is estimated to be and average of <u>28.6 hours</u>, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

Send comments regarding these burden estimates or any other aspect of this collection, including suggestions for reducing this burden, to the Chief, Information Policy Branch, PM-223, U. S. Environmental Protection Agency, 401 M Street, SW, Washington, DC 20460; and to the Office of Information and Regulatory Affair, Paperwork Reduction Act Project (2040-0086), Office of Management and Budget, Washington, DC 20502.

## **AUTHORIZATION TO BILL APPLICANT FOR** A PUBLIC NOTICE

I hereby authorize the Department of Environmental Quality to have the cost of publishing a public notice billed to the Agent/Department shown below. The public notice will be published once a week for two consecutive weeks in accordance with 9VAC25-31-290.C.2. in the:

## Kenbridge-Victoria Dispatch

Agent/Department to be billed:	Town of Kenbridge
Owner: Applicant's Address:	Town of Kenbridge P.O. Box 478 Kenbridge Var. 23944
Agent's Telephone No:	434-676-2452
Authorizing Agent:	Donnie NebleTT Print Name
Authorizing Agent's Signature	Donnie Nablett

RETURN TO: Department of Environmental Quality MAILED 23 Jun 11

Blue Ridge Regional Office

Dn

7705 Timberlake Road Lynchburg, VA 24502

ATTN: Frank Bowman

RE: Permit No. VA0026239 - Kenbridge STP - Lunenburg County

PORM 2A NPDES

## NPDES FORM 2A APPLICATION OVERVIEW

### APPLICATION OVERVIEW

Form 2A has been developed in a modular format and consists of a "Basic Application Information" packet and a "Supplemental Application Information" packet. The Basic Application Information packet is divided into two parts. All applicants must complete Parts A and C. Applicants with a design flow greater than or equal to 0.1 mgd must also complete Part B. Some applicants must also complete the Supplemental Application Information packet. The following items explain which parts of Form 2A you must complete.

### BASIC APPLICATION INFORMATION:

- A. Basic Application Information for all Applicants. All applicants must complete questions A.1 through A.8. A treatment works that discharges effluent to surface waters of the United States must also answer questions A.9 through A.12.
- B. Additional Application Information for Applicants with a Design Flow ≥ 0.1 mgd. All treatment works that have design flows greater than or equal to 0.1 million gallons per day must complete questions B.1 through B.6.
- C. Certification. All applicants must complete Part C (Certification).

#### SUPPLEMENTAL APPLICATION INFORMATION:

- D. Expanded Effluent Testing Data. A treatment works that discharges effluent to surface waters of the United States and meets one or more of the following criteria must complete Part D (Expanded Effluent Testing Data):
  - 1. Has a design flow rate greater than or equal to 1 mgd,
  - 2. Is required to have a pretreatment program (or has one in place), or
  - 3. Is otherwise required by the permitting authority to provide the information.
- E. Toxicity Testing Data. A treatment works that meets one or more of the following criteria must complete Part E (Toxicity Testing Data):
  - 1. Has a design flow rate greater than or equal to 1 mgd,
  - 2. Is required to have a pretreatment program (or has one in place), or
  - 3. Is otherwise required by the permitting authority to submit results of toxicity testing.
- F. Industrial User Discharges and RCRA/CERCLA Wastes. A treatment works that accepts process wastewater from any significant industrial users (SIUs) or receives RCRA or CERCLA wastes must complete Part F (Industrial User Discharges and RCRA/CERCLA Wastes). SIUs are defined as:
  - 1. All industrial users subject to Categorical Pretreatment Standards under 40 Code of Federal Regulations (CFR) 403.6 and 40 CFR Chapter I, Subchapter N (see instructions); and
  - 2. Any other industrial user that:
    - Discharges an average of 25,000 gallons per day or more of process wastewater to the treatment works (with certain exclusions); or
    - b. Contributes a process wastestream that makes up 5 percent or more of the average dry weather hydraulic or organic capacity of the treatment plant; or
    - c. Is designated as an SIU by the control authority.
- G. Combined Sewer Systems. A treatment works that has a combined sewer system must complete Part G (Combined Sewer Systems).

## ALL APPLICANTS MUST COMPLETE PART C (CERTIFICATION)

FACILITY NAME AND PERMIT NUMBER: VA0026239

Form Approved 1/14/99 OMB Number 2040-0086

# Kenbridge wastewater Treparment PLANT

## BASIC APPLICATION INFORMATION

PAF	T A. BASIC APP	LICATION INFORMATION FOR AL	L APPLICANTS:	
All tr	eatment works must	complete questions A.1 through A.8 of	this Basic Application Information pa	icket.
A.1.	Facility Information			
	Facility name	Kenbridge WASTE W	Ater Treatment P	HANT
	Mailing Address	SH Est 5Th AV	E PO BOX 478	
		Kenbridge Virgini	IA 23944	
	Contact person	Donnie Neblet	7	
	Title ,	TOWN MANAGER		
	Telephone number	434-676-245	2	Variable of the
	Facility Address	177 MAPLE STA	REET	
	(not P.O. Box)	Kenbridge Virg	INIA 23944	
A.2.	Applicant Information	on. If the applicant is different from the abo	ve, provide the following:	
	Applicant name			
	Mailing Address			
	Contact person			
	Title			
	Telephone number			
	Is the applicant the	owner or operator (or both) of the treatm	nent works?	
	X owner	operator		
		spondence regarding this permit should be	directed to the facility or the applicant.	
	facility	applicant		
	Existing Environment (include state-issued page )	ntal Permits. Provide the permit number of permits).	f any existing environmental permits that	have been issued to the treatment works
	NPDES VAO	026239	PSD	
	uic		Other	
	RCRA		Other	
.4.	Collection System In entity and, if known, pr	formation. Provide information on municipovide information on the type of collection s	palities and areas served by the facility. Frystem (combined vs. separate) and its over	Provide the name and population of each wnership (municipal, private, etc.).
	Name	Population Served	Type of Collection System	Ownership
Jo	WN OF Ke	nbridge 1200	SANITARY	MUNICIPAL
	Total pop	ulation served		

intermittent?

Annual average daily volume applied to site:

treatment works?

continuous or

d. Does the treatment works discharge or transport treated or untreated wastewater to another

FACILIT	Y NAME AND PERMIT	NUMBER:		Form Approved 1/14/99 OMB Number 2040-0086
	If yes, describe the me (e.g., tank truck, pipe)	ean(s) by which the wastewater from the treatment.	-	
	/			
		ty other than the applicant, provide:	•	-
	Transporter name:			·
	Mailing Address:	· .	· .	
		-	· · · · · · · · · · · · · · · · · · ·	
	Contact person:			· .
	Title:			
	Telephone number:		•	
				•
	For each treatment wo	orks that receives this discharge, provide the folk	owing:	
	Name:	·		
	Mailing Address:			
	•			
	Contact person:	- <del></del>		
	Title:			<u> </u>
	Telephone number:			
	If known, provide the N	IPDES permit number of the treatment works th	at receives this discharge.	
	Provide the average da	aily flow rate from the treatment works into the re	ceiving facility.	mgd
e.		rks discharge or dispose of its wastewater in a nove (e.g., underground percolation, well injection		Yes No
	If yes, provide the follow	wing for each disposal method:		
	Description of method	(including location and size of site(s) if applicabl	e):	

Annual daily volume disposed of by this method:

Is disposal through this method

**FACILITY NAME AND PERMIT NUMBER:** 

Form Approved 1/14/99 OMB Number 2040-0086

	ASTE							

If you answered "yes," toiquestion A.8.a; complete questions A.9 through A.12 once for each outfall (including bypass points) through which effluent is discharged. Do not include information on combined sewer overflows in this section. If you answered "no" to question A.8.a, go to Part B. "Additional Application Information for Applicants with a Design Flow Greater than or Equal to 0.1 mgd."

. D	escription of Outfall.		,
a	Outfall number	·	
b.	Location Kenby	eidge	23944
	(City or town, if Lunein	bukcj	(Zip Code) ViRQiniA
	(County) 34	59'4"N	(State) 78° 6' 37" W
	(Latitude)		(Longitude)
C.	Distance from shore (if applicable)	_ <i>N/A</i>	ft.
d.	Depth below surface (if applicable)	_ <i>N/A</i>	ft.
e.	Average daily flow rate	278	mgd
			·
f.	Does this outfall have either an intermitte discharge?	nt or a periodic	
	discharge:		No (go to A.9.g.)
	If yes, provide the following information:		
•	Number of times per year discharge occu	urs: //2	
	Average duration of each discharge:	8 hrs	
	Average flow per discharge:	.447	mgd
	Months in which discharge occurs:	JANYARY THRU	December
		/	
g.	Is outfall equipped with a diffuser?	Yes	No No
	and the state of t		
). DE	escription of Receiving Waters.		
a.	Name of receiving water	eny Creek	
<b>h</b>	Name of watershed (if known)	Un Known	
b.	Name of watershed (if known)	VIIIIVOII	
	United States Soil Conservation Service		MnKnown
•	Name of State Management/River Basin	(if known):	an And Dismal Swamp
C.	Name of State Management/1996 basin	(II KIIOWII).	THE GISTIAL SORILE
	United States Geological Survey 8-digit hy	ydrologic cataloging unit code (if known):	UnKnown
		P 41 3	
d.	Critical low flow of receiving stream (if appacute cfs	olicable): chronic	cfs
e.		cal low flow (if applicable):	<del></del>
<b>G</b> .	Total Hardness of Tecelving Stream at Ont	cal low now (if applicable).	mg/10/ CaCC3

a. What levels of treatment	are provid	ded? Cl	heck all that	apply.				
Primary			V s	econdary				
Advanced			10	ther. Describe:				
b. Indicate the following rem	noval rate	s (as ap	oplicable):					
Design BOD, removal or	Design C	CBOD	removal			96	%	
Design SS removal						94	9 %	
Design P removal					(	MKno	own %	
Design N removal						87	%	
Other							%	
c. What type of disinfection	is used for	or the e	ffluent from	this outfall? If disi	nfection varies t	by season, p	lease describe.	
CHLORINAT	ion				(* 141			
If disinfection is by chloring	nation, is	dechlor	ination used	for this outfall?			Yes	V No
d. Does the treatment plant	have post	t aeratic	on?			V	Yes	No.
discharged. Do not include collected through analysis 40 CFR Part 136 and other	informa conducte appropria	ition or ed usin ate QA	n combined ng 40 CFR I /QC require	sewer overflow Part 136 methods ements for stand	. In addition, and methods for	n. All informathis data muor analytes	ust comply with not addressed b	QA/QC requirements y 40 CFR Part 136.
collected through analysis 40 CFR Part 136 and other a minimum, effluent testing d  Outfall number:	informa conducte appropria	ation or ed usin ate QA t be ba	n combined ng 40 CFR I /QC require sed on at le	sewer overflow Part 136 methods ements for stand east three sample	s in this section, in addition, it are methods for	n. All inform this data mu or analytes e no more th	ust comply with not addressed b nan four and one	QA/QC requirements y 40 CFR Part 136. / a-half years apart.
collected through analysis 40 CFR Part 136 and other a minimum, effluent testing d	informa conducte appropria	ation or ed usin ate QA t be ba	n combined ng 40 CFR I /QC require sed on at le	sewer overflow Part 136 methods ements for stand east three sample DAILY VALUE	s in this section. In addition, and methods for and must be	n. All informathis data muor analytes e no more the	ust comply with not addressed b nan four and one ERAGE DAILY V	QA/QC requirements y 40 CFR Part 136. / p-half years apart.
collected through analysis 40 CFR Part 136 and other a minimum, effluent testing d  Outfall number:	informa conducte appropria	ation or ed usin ate QA t be ba	n combined ng 40 CFR I /QC require sed on at le	sewer overflow Part 136 methods ements for stand east three sample	s in this section, in addition, it are methods for	n. All informathis data muor analytes e no more the	ust comply with not addressed b nan four and one	QA/QC requirements y 40 CFR Part 136. / a-half years apart.
collected through analysis 40 CFR Part 136 and other a minimum, effluent testing d  Outfall number:  PARAMETER	informa conducte appropria	ation or ed usin ate QA t be ba	n combined ng 40 CFR I /QC require sed on at le	sewer overflow Part 136 methods ements for stand east three sample DAILY VALUE	s in this section. In addition, and methods for and must be	n. All informathis data muor analytes e no more the	ust comply with not addressed b nan four and one ERAGE DAILY V	QA/QC requirements y 40 CFR Part 136. / p-half years apart.
collected through analysis 40 CFR Part 136 and other a minimum, effluent testing d  Outfall number:  PARAMETER  (Minimum)	informa conducte appropria	ation or ed using ate QA t be base	m combined ag 40 CFR II /QC require sed on at le	DAILY VALUE  Units  s.u.	s in this section. In addition, and methods for and must be	n. All informathis data muor analytes e no more the	ust comply with not addressed b nan four and one ERAGE DAILY V	QA/QC requirements y 40 CFR Part 136. / p-half years apart.
collected through analysis 40 CFR Part 136 and other a minimum, effluent testing d  Outfall number:	informa conducte appropria	ation or ed using ate QA t be base	n combined ng 40 CFR I /QC require sed on at le	DAILY VALUE  Units  s.u.	s in this section. In addition, and methods for and must be	n. All informathis data muor analytes e no more the	ust comply with not addressed b nan four and one ERAGE DAILY V	QA/QC requirements y 40 CFR Part 136. / p-half years apart.
collected through analysis 40 CFR Part 136 and other a minimum, effluent testing of Outfall number:  PARAMETER  I (Minimum)  (Maximum)  ow Rate  mperature (Winter)	informa conducte appropria	tion or ed using at e QA to be bare QA to be	m combined ag 40 CFR II /QC require sed on at le	DAILY VALUE  Units  s.u.	s in this section. In addition, and methods for and must be	n. All informathis data muor analytes e no more the	ust comply with not addressed b nan four and one ERAGE DAILY V	QA/QC requirements y 40 CFR Part 136. A -half years apart.  /ALUE  Number of Sample
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collected through analysis 40 CFR Part 136 and other a minimum, effluent testing of Outfall number:  PARAMETER  (Minimum)  (Maximum)  ow Rate  mperature (Winter)  mperature (Summer)	e informa conducte appropria ata must	dition or ed using attemption of the base	m combined by the combined sed on at less than the combined sed on the combined sed o	DAILY VALUE  Units  s.u.  MGO	s in this section. In addition, and methods for and must be	n. All informathis data muor analytes e no more the	ust comply with not addressed b nan four and one ERAGE DAILY V	QA/QC requirements y 40 CFR Part 136. A p-half years apart.  /ALUE  Number of Sample
collected through analysis 40 CFR Part 136 and other a minimum, effluent testing of Outfall number:  PARAMETER  (Minimum)  (Maximum)  w Rate  mperature (Winter)  mperature (Summer)  * For pH please report a minim	e informa conducte appropria ata must	ation or ed using at e QA to be based to b	MAXIMUM Value  9 3 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	DAILY VALUE  Units  s.u.  MGO	value	n. All informathis data muor analytes e no more the	ust comply with not addressed by nan four and one with the not addressed by nan four and one with the notation of the nan four and one with the national nat	QA/QC requirements y 40 CFR Part 136. A p-half years apart.  /ALUE  Number of Sample
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Collected through analysis 40 CFR Part 136 and other a minimum, effluent testing of Outfall number:  PARAMETER  (Minimum)  (Maximum)  W Rate  Inperature (Winter)  TPOP POLLUTANT  (VENTIONAL AND NONCONVE	e informa conducte appropris ata must	ation or ed using at e QA to be based to b	MAXIMUM Value  9 3 3 4 Mum daily va M DAILY ARGE Units	DAILY VALUE  Units  s.u.  MG()  AVERAC	value  Value  CE DAILY DISC	e Number o	ust comply with not addressed by nan four and one with the not addressed by nan four and one with the notation of the nan four and one with the national nat	QA/QC requirements y 40 CFR Part 136. / P-half years apart. / ALUE Number of Sample / / / / / / / / / / / / / / / / / / /
Collected through analysis 40 CFR Part 136 and other a minimum, effluent testing of Outfall number:  PARAMETER.  (Minimum)  (Maximum)  W Rate  Inperature (Winter)  Inperature (Summer)  * For pH please report a minim  POLLUTANT  VENTIONAL AND NONCONVE CHEMICAL OXYGEN  BOD-5	e informa conducte appropris ata must	dition or ed using at e QA to be based to	MAXIMUM Value	DAILY VALUE  Units  s.u.  MG()  AVERAC	value  Value  CE DAILY DISC	e Number o	SERAGE DAILY V Units  ANALYTICA METHOD	QA/QC requirements y 40 CFR Part 136. / p-half years apart.  /ALUE  Number of Sampl  // // // // // // // // // // // // /
Collected through analysis 40 CFR Part 136 and other a minimum, effluent testing of Outfall number:  PARAMETER  (Minimum)  (Maximum)  W Rate  Imperature (Winter)  Imperature (Summer)  * For pH please report a minim  POLLUTANT  IVENTIONAL AND NONCONVE CHEMICAL OXYGEN  BOD-5  AND (Report one)  CBOD-5	e informa conducte appropria ata must	a maximu DISCH	MAXIMUM Value	DAILY VALUE  Units  s.u.  MG()  AVERAC	value  Value  CE DAILY DISC	e Number o	SERAGE DAILY V Units  ANALYTICA METHOD	QA/QC requirements y 40 CFR Part 136. / P-half years apart. / ALUE Number of Sample / / / / / / / / / / / / / / / / / / /
Collected through analysis 40 CFR Part 136 and other a minimum, effluent testing of Outfall number:  PARAMETER  (Minimum)  (Maximum)  Ow Rate  Imperature (Winter)  Imperature (Summer)  * For pH please report a minim  POLLUTANT  NVENTIONAL AND NONCONVE  CHEMICAL OXYGEN  BOD-5	e informa conducte appropris ata must	a maximu DISCH	MAXIMUM Value	DAILY VALUE  Units  s.u.  MG()  AVERAC	value  Value  CE DAILY DISC	e Number o	SERAGE DAILY V Units  ANALYTICA METHOD	QA/QC requirements y 40 CFR Part 136. / P-half years apart. / ALUE Number of Sample / / / / / / / / / / / / / / / / / / /

#### BASIC APPLICATION INFORMATION

D)	ASIC APPEICATION INFORMATION	
PAI	RT B. ADDITIONAL APPLICATION INFORMATION EQUAL TO 0.1 MGD (100,000 gallons per december)	FOR APPLICANTS WITH A DESIGN FLOW GREATER THAN OR ay).
Alla	applicants with a design flow rate $\geq$ 0.1 mgd must answer question	ns B,1 through B.6. All others go to Part C (Certification).
B.1.		ons per day that flow into the treatment works from inflow and/or infiltration.
	gpd	
	Briefly explain any steps underway or planned to minimize inflo	w and infiltration.
B.2.		ap of the area extending at least one mile beyond facility property boundaries. This nation. (You may submit more than one map if one map does not show the entire
	a. The area surrounding the treatment plant, including all unit	processes.
	<ul> <li>The major pipes or other structures through which wastewa treated wastewater is discharged from the treatment plant.</li> </ul>	ter enters the treatment works and the pipes or other structures through which include outfalls from bypass piping, if applicable.
	c. Each well where wastewater from the treatment plant is inje	cted underground.
	<ul> <li>Wells, springs, other surface water bodies, and drinking wa works, and 2) listed in public record or otherwise known to</li> </ul>	ster wells that are: 1) within 1/4 mile of the property boundaries of the treatment the applicant.
	e. Any areas where the sewage sludge produced by the treatment	nent works is stored, treated, or disposed.
		azardous under the Resource Conservation and Recovery Act (RCRA) by truck, rail, ste enters the treatment works and where it is treated, stored, and/or disposed.
B.3.	power sources or redundancy in the system. Also provide a water	wing the processes of the treatment plant, including all bypass piping and all backuper balance showing all treatment units, including disinfection (e.g., chlorination and virates at influent and discharge points and approximate daily flow rates between am.
B.4.	Operation/Maintenance Performed by Contractor(s).	
		er treatment and effluent quality) of the treatment works the responsibility of a
	If yes, list the name, address, telephone number, and status of earlif necessary).	ach contractor and describe the contractor's responsibilities (attach additional pages
	Name: B+B Consultants	JAMES R. Reed - ASSOCIATES
	Mailing Address: P.O. Box 101	770 Pilot House Drive
	Chase City, UA. 23924	Wew post Wews VA. 23606
	Telephone Number: (434) 372-3397	(757)873-1498
	Responsibilities of Contractor: BOD, TSS, Testin	ng & Monitoring wells, Ammonia Metals
	uncompleted plans for improvements that will affect the wastewate	n. Provide information on any uncompleted implementation schedule or er treatment, effluent quality, or design capacity of the treatment works. If the or is planning several improvements, submit separate responses to question B.5 for
	a. List the outfall number (assigned in question A.9) for each of	utfall that is covered by this implementation schedule.
ı	b. Indicate whether the planned improvements or implementation	on schedule are required by local, State, or Federal agencies.
The same	YesNo	

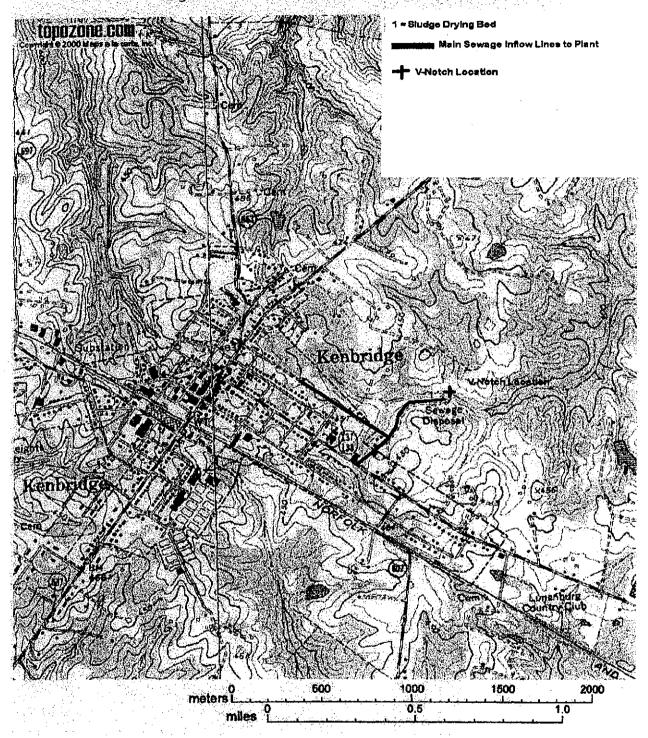
c If the answer to	A Yes, br	letly describe, inci	uding new maxii	mum daily inflow	rate (if applicable	).						
For improvemen	<ol> <li>Provide dates imposed by any compliance schedule or any actual dates of completion for the implementation steps listed below, as applicable.</li> <li>For improvements planned independently of local, State, or Federal agencies, indicate planned or actual completion dates, as applicable.</li> <li>Indicate dates as accurately as possible.</li> </ol>											
		Schedule		Actual Completi	on							
Implementation 5	Stage	MM / DD	/ / / / /	MM / DD / YYYY								
- Begin constru	- Begin construction											
- End constructi	on		/									
- Begin discharg	je	_/_	/									
- Attain operation	nal level	_/_	/									
e. Have appropriate  Describe briefly:	4/10	ces concerning of	ner Federal/State	e requirements be	een obtained?	YesNo						
B.6. EFFLUENT TESTING	DATA (GREAT	ER THAN O.1 MC	ED ONLY).									
	itting authority <u>for</u> mation reported r	nust be based on	data collected th	rough analysis co	onducted using 4	0 CFR Part 136 metho	ds. In addition, this					
required by the permithis section. All information data must comply with addressed by 40 CFF and one-half years of Outfall Number:	itting authority for mation reported r th QA/QC require R Part 136. At a d.	nust be based on ments of 40 CFR minimum, effluent	data collected th Part 136 and oth testing data mus	nrough analysis co her appropriate Q st be based on at	onducted using 4 A/QC requirement least three pollut		ds. In addition, this					
required by the permithis section. All information data must comply with addressed by 40 CFF and one-half years of	itting authority for mation reported r th QA/QC require R Part 136. At a d.	nust be based on ments of 40 CFR	data collected th Part 136 and oth testing data mus	nrough analysis con her appropriate Q	onducted using 4 A/QC requirement least three pollut	O CFR Part 136 method	ds. In addition, this					
required by the permithis section. All information data must comply with addressed by 40 CFF and one-half years of Outfall Number:	itting authority for mation reported r th QA/QC require R Part 136. At a d.	nust be based on ments of 40 CFR minimum, effluent	data collected th Part 136 and oth testing data mus	nrough analysis co her appropriate Q st be based on at	onducted using 4 A/QC requirement least three pollut	O CFR Part 136 method	ds. In addition, this					
required by the permithis section. All information data must comply with addressed by 40 CFF and one-half years of Outfall Number:  POLLUTANT	itting authority for mation reported r. h QA/QC require R Part 136. At a d. h QA/QC MAXII DIS Conc.	nust be based on ments of 40 CFR minimum, effluent  MUM DAILY CHARGE Units	data collected th Part 136 and otf testing data must AVER Conc.	nrough analysis or her appropriate Q st be based on at AGE DAILY DIS	onducted using 4 A/QC requirement least three pollute CHARGE Number of	0 CFR Part 136 method nts for standard method ant scans and must be ANALYTICAL	ds. In addition, this ds for analytes not no more than four					
required by the permithis section. All information data must comply with addressed by 40 CFF and one-half years of Outfall Number:  POLLUTANT  CONVENTIONAL AND NOT	itting authority for mation reported rh QA/QC require R Part 136. At a d. DIS Conc.	nust be based on ments of 40 CFR minimum, effluent  MUM DAILY CHARGE Units	data collected th Part 136 and ott testing data must  AVER  Conc.	arough analysis or ther appropriate Q st be based on at AGE DAILY DIS	conducted using 4 A/QC requirement least three pollut CHARGE  Number of Samples	O CFR Part 136 methons for standard method ant scans and must be  ANALYTICAL METHOD	ds. In addition, this ds for analytes not no more than four					
required by the permithis section. All infondata must comply with addressed by 40 CFF and one-half years of Outfall Number:  POLLUTANT  CONVENTIONAL AND NOTAMMONIA (as N)  CHLORINE (TOTAL	itting authority for mation reported r. h QA/QC require R Part 136. At a d. h QA/QC MAXII DIS Conc.	nust be based on ments of 40 CFR minimum, effluent  MUM DAILY CHARGE Units	data collected th Part 136 and oth testing data must  AVER  Conc.	arough analysis or her appropriate Q st be based on at MAGE DAILY DIS	onducted using 4 A/QC requirement least three pollute CHARGE Number of	O CFR Part 136 method nts for standard method ant scans and must be  ANALYTICAL METHOD	ds. In addition, this ds for analytes not no more than four					
required by the permithis section. All informed this section. All informed the section and the section and one-half years of the section of t	itting authority for mation reported rh QA/QC require R Part 136. At a d. DIS Conc.	nust be based on ments of 40 CFR minimum, effluent  MUM DAILY CHARGE Units	data collected th Part 136 and ott testing data must  AVER  Conc.	arough analysis or ther appropriate Q st be based on at AGE DAILY DIS	conducted using 4 A/QC requirement least three pollut CHARGE  Number of Samples	O CFR Part 136 methons for standard method ant scans and must be  ANALYTICAL METHOD	ds. In addition, this ds for analytes not no more than four					
required by the permithis section. All informed data must comply with addressed by 40 CFF and one-half years of Outfall Number:  POLLUTANT  CONVENTIONAL AND NOT AMMONIA (as N)  CHLORINE (TOTAL RESIDUAL, TRC)  DISSOLVED OXYGEN  TOTAL KJELDAHL  NITROGEN (TKN)  NITRATE PLUS NITRITE  NITROGEN	itting authority for mation reported rh QA/QC require R Part 136. At a d. DIS Conc.	nust be based on ments of 40 CFR minimum, effluent  MUM DAILY CHARGE Units	data collected th Part 136 and oth testing data must  AVER  Conc.	arough analysis or her appropriate Q st be based on at MAGE DAILY DIS	conducted using 4 A/QC requirement least three pollut CHARGE  Number of Samples	O CFR Part 136 method nts for standard method ant scans and must be  ANALYTICAL METHOD	ds. In addition, this ds for analytes not no more than four					
required by the permithis section. All infondata must comply with addressed by 40 CFF and one-half years of Outfall Number:  POLLUTANT  CONVENTIONAL AND NOT AMMONIA (as N)  CHLORINE (TOTAL RESIDUAL, TRC)  DISSOLVED OXYGEN  TOTAL KJELDAHL  NITROGEN (TKN)  NITRATE PLUS NITRITE  NITROGEN  OIL and GREASE	itting authority for mation reported rh QA/QC require R Part 136. At a d. DIS Conc.	nust be based on ments of 40 CFR minimum, effluent  MUM DAILY CHARGE Units	data collected th Part 136 and oth testing data must  AVER  Conc.	arough analysis or her appropriate Q st be based on at MAGE DAILY DIS	conducted using 4 A/QC requirement least three pollut CHARGE  Number of Samples	O CFR Part 136 method nts for standard method ant scans and must be  ANALYTICAL METHOD	ds. In addition, this ds for analytes not no more than four					
required by the permithis section. All informed this section. All informed the section and one-half years of the section of th	itting authority for mation reported rh QA/QC require R Part 136. At a d. DIS Conc.	nust be based on ments of 40 CFR minimum, effluent  MUM DAILY CHARGE Units	data collected th Part 136 and oth testing data must  AVER  Conc.	arough analysis or her appropriate Q st be based on at MAGE DAILY DIS	conducted using 4 A/QC requirement least three pollut CHARGE  Number of Samples	O CFR Part 136 method nts for standard method ant scans and must be  ANALYTICAL METHOD	ds. In addition, this ds for analytes not no more than four					
required by the permithis section. All information data must comply with addressed by 40 CFF and one-half years of Outfall Number:  POLLUTANT	itting authority for mation reported rh QA/QC require R Part 136. At a d. DIS Conc.	nust be based on ments of 40 CFR minimum, effluent  MUM DAILY CHARGE Units	data collected th Part 136 and oth testing data must  AVER  Conc.	arough analysis or her appropriate Q st be based on at MAGE DAILY DIS	conducted using 4 A/QC requirement least three pollut CHARGE  Number of Samples	O CFR Part 136 method nts for standard method ant scans and must be  ANALYTICAL METHOD	ds. In addition, this ds for analytes not no more than four					

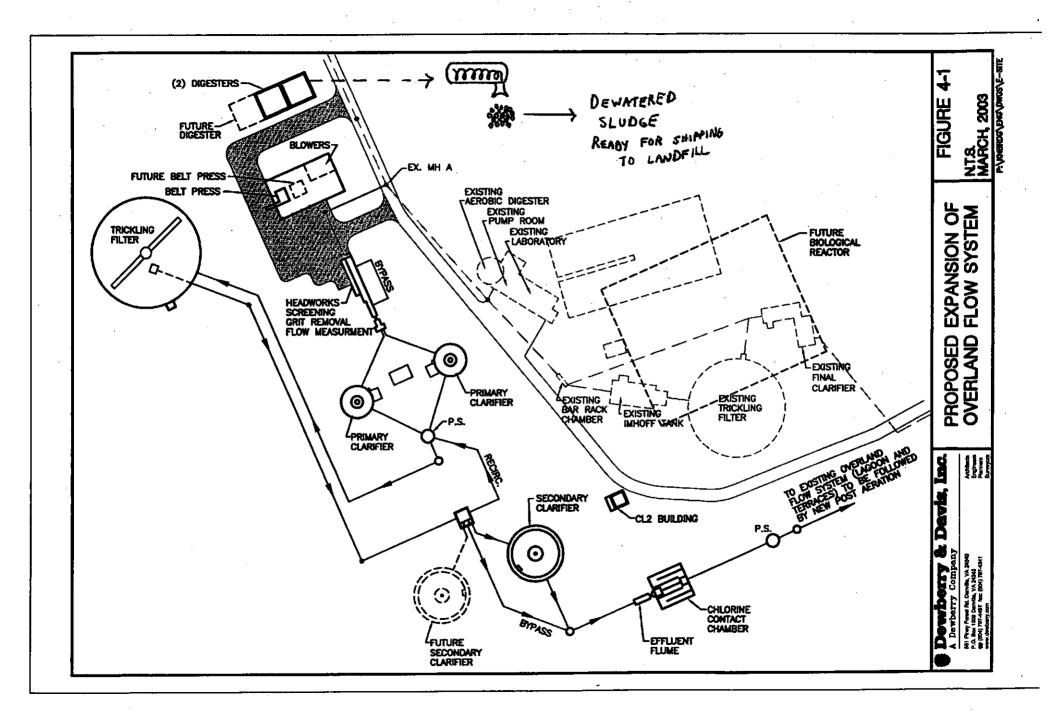
2A YOU MUST COMPLETE

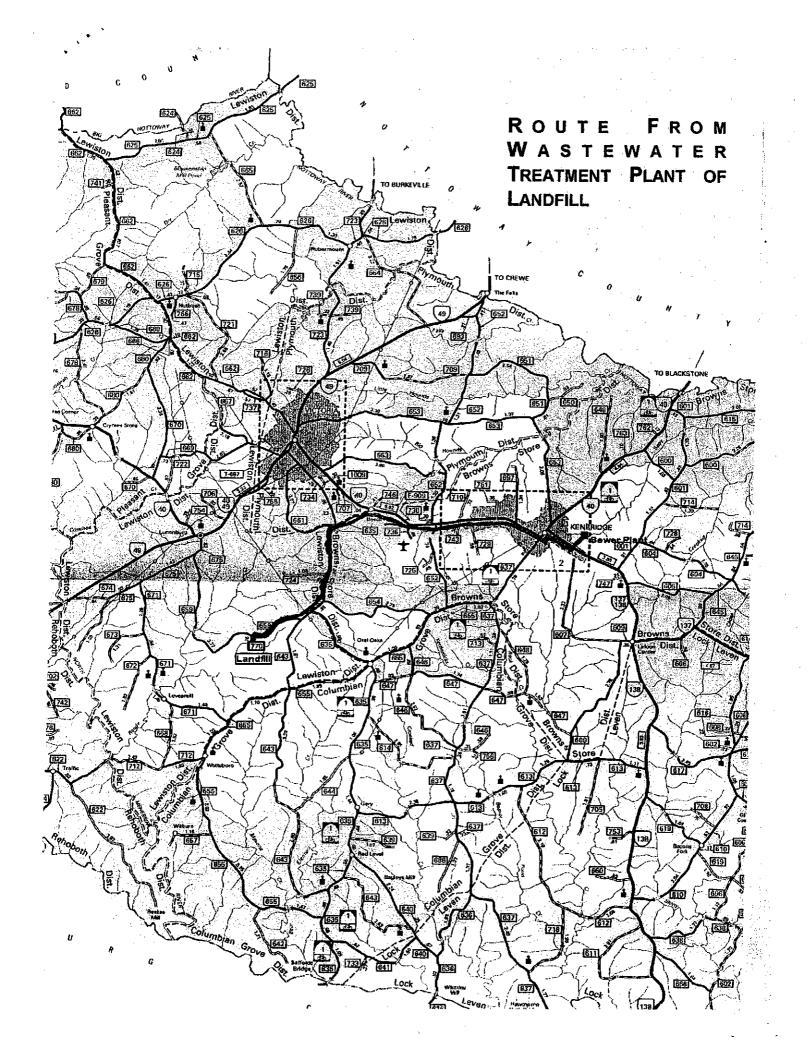
FACILITY NAME AND PERMIT NUMBER:	Form Approved 1/14/99 OMB Number 2040-0086
BASIC APPLICATION INFORMATION	
PART C. CERTIFICATION	
applicants must complete all applicable sections of Form 2A, as explaine	ns to determine who is an officer for the purposes of this certification. All in the Application Overview. Indicate below which parts of Form 2A you have licants confirm that they have reviewed Form 2A and have completed all sections
Indicate which parts of Form 2A you have completed and are	ubmitting:
Basic Application Information packet Supplemental	Application Information packet:
Part I	(Expanded Effluent Testing Data)
Part I	(Toxicity Testing: Biomonitoring Data)
Part F	(Industrial User Discharges and RCRA/CERCLA Wastes)
Part 0	(Combined Sewer Systems)
ALL APPLICANTS MUST COMPLETE THE FOLLOWING CERTIFICA	TION.
to assure that qualified personnel properly gather and evaluate the inform system or those persons directly responsible for gathering the information	prepared under my direction or supervision in accordance with a system designed tion submitted. Based on my inquiry of the person or persons who manage the the information is, to the best of my knowledge and belief, true, accurate, and se information, including the possibility of fine and imprisonment for knowing
Name and official title Ponnie Neblott	TOWN MANAGER
Signature Donnie Neblott	
Telephone number 43 4- 676 - 2 45	Name
Date signed December 7, 3	011
Upon request of the permitting authority, you must submit any other information or identify appropriate permitting requirements.	ation necessary to assess wastewater treatment practices at the treatment works

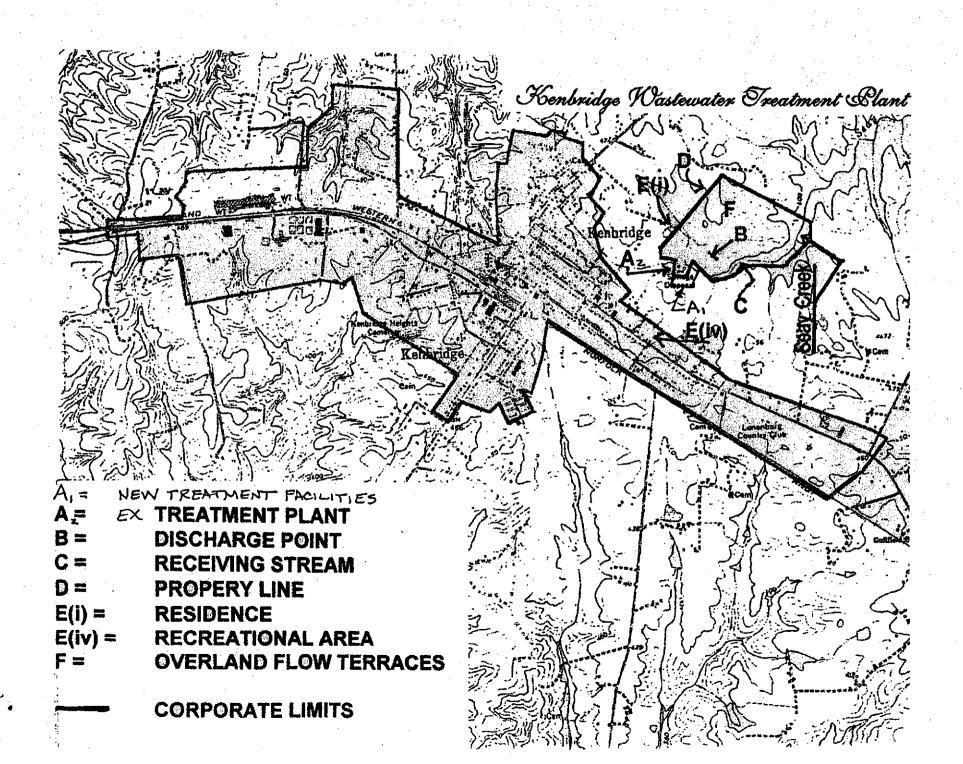
SEND COMPLETED FORMS TO:

Target is 36° 57' 44"N, 78° 06' 37"W - KENBRIDGE EAST quad









FACILITY	NAME	AND	PERMIT	NUMBER:

Form Approved 1/14/99 OMB Number 2040-0086

## SUPPLEMENTAL APPLICATION INFORMATION

#### PART D. EXPANDED EFFLUENT TESTING DATA

Refer to the directions on the cover page to determine whether this section applies to the treatment works.

Effluent Testing: 1.0 mgd and Pretreatment Treatment Works. If the treatment works has a design flow greater than or equal to 1.0 mgd or it has (or is required to have) a pretreatment program, or is otherwise required by the permitting authority to provide the data, then provide effluent testing data for the following pollutants. Provide the indicated effluent testing information and any other information required by the permitting authority for each outfall through which effluent is discharged. Do not include information on combined sewer overflows in this section. All information reported must be based on data collected through analyses conducted using 40 CFR Part 136 methods. In addition, these data must comply with QA/QC requirements of 40 CFR Part 136 and other appropriate QA/QC requirements for standard methods for analytes not addressed by 40 CFR Part 136. Indicate in the blank rows provided below any data you may have on pollutants not specifically listed in this form. At a minimum, effluent testing data must be based on at least three pollutant scans and must be no more than four and one-half years old.

POLLUTANT	No. 24	DISCH	UM DAILY HARGE				E DAILY				
	Conc.	Units	Mass			Units	Mass	Units	Number of Samples	ANALYTICAL METHOD	ML/ MDL
METALS (TOTAL RECOVERABLE),	CYANIDE,	PHENOL	S, AND H	ARDNES	S.						
ANTIMONY											
ARSENIC											
BERYLLIUM											
CADMIUM											
CHROMIUM											
COPPER											
LEAD											
MERCURY											
NICKEL											
SELENIUM											
SILVER											
THALLIUM											
ZINC											
CYANIDE											
TOTAL PHENOLIC COMPOUNDS											
HARDNESS (AS CaCO <sub>3</sub> )											
Use this space (or a separate sheet) to	provide info	ormation	on other n	netals req	uested by	the perm	it writer.				

Outfall number: (Complete once for each outfall discharging effluent to waters of the United States.)											
POLLUTANT			JM DAIL' HARGE	Y	A	VERAG	E DAILY	DISCH	IARGE		
	Conc.		Mass	Units	Conc.	Units	Mass	Units	of ±	METHOD	ML/ MDL
VOLATILE ORGANIC COMPOUNDS.					Paris de la companya del companya de la companya del companya de la companya de l		Surgar State		Samples		
ACROLEIN											
ACRYLONITRILE						3.					
BENZENE							•				
BROMOFORM											
CARBON TETRACHLORIDE											
CLOROBENZENE			63								
CHLORODIBROMO-METHANE											
CHLOROETHANE											
2-CHLORO-ETHYLVINYL ETHER											
CHLOROFORM											
DICHLOROBROMO-METHANE											
1,1-DICHLOROETHANE											
1,2-DICHLOROETHANE				+11111111111111111111111111111111111111							
TRANS-1,2-DICHLORO-ETHYLENE											EA X
1,1-DICHLOROETHYLENE											
1,2-DICHLOROPROPANE											
1,3-DICHLORO-PROPYLENE											
ETHYLBENZENE											
METHYL BROMIDE											
METHYL CHLORIDE		elipe i									
METHYLENE CHLORIDE											
1,1,2,2-TETRACHLORO-ETHANE											
TETRACHLORO-ETHYLENE											
TOLUENE											

Form Approved 1/14/99 OMB Number 2040-0086

Outfall number:	(Comp	lete once	for each	outfall d	ischargin	g effluer	nt to water	ers of the	e United Stat	es.)	
POLLUTANT		MAXIMU	JM DAIL HARGE	Y	A	VERAG	E DAILY	DISCH	ARGE		
	Conc	SCHOOL BURNINGSHOWS HARDWARD		Units	Conc.	Units	Mass	Units	Number of Samples	ANALYTICAL METHOD	ML/ MDL
1,1,1-TRICHLOROETHANE											
1,1,2-TRICHLOROETHANE											
TRICHLORETHYLENE											
VINYL CHLORIDE											
Use this space (or a separate sheet)	to provide	information	on other	volatile o	rganic cor	npounds	requested	by the	permit writer.		
ACID-EXTRACTABLE COMPOUND	S										
P-CHLORO-M-CRESOL											
2-CHLOROPHENOL											
2,4-DICHLOROPHENOL											
2,4-DIMETHYLPHENOL											
4,6-DINITRO-O-CRESOL											
2,4-DINITROPHENOL											
2-NITROPHENOL											
4-NITROPHENOL											
PENTACHLOROPHENOL											
PHENOL											
2,4,6-TRICHLOROPHENOL											
Use this space (or a separate sheet) t	o provide in	nformation	on other a	acid-extra	ctable con	npounds	requested	by the p	permit writer.		
BASE-NEUTRAL COMPOUNDS.											
ACENAPHTHENE											
ACENAPHTHYLENE											
ANTHRACENE											
BENZIDINE											
BENZO(A)ANTHRACENE											

BENZO(A)PYRENE											
FACILITY NAME AND PERMIT N	UMBER	R:								Form Ap OMB Nu	proved 1/14/99 mber 2040-0086
Outfall number:	(Compl	lete once	for eac	h outfall o	dischargin	g efflue	nt to wat	ers of the	ne United Sta	ates.)	
POLLUTANT		MAXIMU	JM DAI HARGE		A	VERAG	E DAILY	DISC	HARGE		
	Conc.		Mass		Conc.	Units	Mass	Units	Number of Samples	METHOD	ML/ MDL
3,4 BENZO-FLUORANTHENE											
BENZO(GHI)PERYLENE											
BENZO(K)FLUORANTHENE											
BIS (2-CHLOROETHOXY) METHANE											
BIS (2-CHLOROETHYL)-ETHER											
BIS (2-CHLOROISO-PROPYL) ETHER											
BIS (2-ETHYLHEXYL) PHTHALATE											
4-BROMOPHENYL PHENYL ETHER											
BUTYL BENZYL PHTHALATE									1.		
2-CHLORONAPHTHALENE											
4-CHLORPHENYL PHENYL ETHER											
CHRYSENE											
DI-N-BUTYL PHTHALATE											
DI-N-OCTYL PHTHALATE											
DIBENZO(A,H) ANTHRACENE											
1,2-DICHLOROBENZENE											
1,3-DICHLOROBENZENE											
1,4-DICHLOROBENZENE											
3,3-DICHLOROBENZIDINE											
DIETHYL PHTHALATE											
DIMETHYL PHTHALATE											
,4-DINITROTOLUENE											
,6-DINITROTOLUENE								5.5			

FACILITY NAME AND PERMIT	MIIMPED									Form Appr	oved 1/14/99
PACIEIT NAME AND PERMIT	NOMBER										ber 2040-0086
Outfall number:	(Comple	ete once	for each	outfall di				History III.	United State	es.)	
POLLUTANT			JM DAIL`	<b>*</b>	Α\	/ERAGE	DAILY	DISCHA	ARGE		33,364
	Conc.	Units	Mass	Units	Conc.	Units	Mass	Units	Number of Samples	ANALYTICAL METHOD	ML/ MC
LUORANTHENE											
LUORENE											
EXACHLOROBENZENE									101		
EXACHLOROBUTADIENE											
EXACHLOROCYCLO- ENTADIENE											
EXACHLOROETHANE											
IDENO(1,2,3-CD)PYRENE											
OPHORONE											
APHTHALENE											
TROBENZENE											
NITROSODI-N-PROPYLAMINE											
NITROSODI- METHYLAMINE			ar in								
NITROSODI-PHENYLAMINE											
HENANTHRENE											
RENE		5 1 1 2									
2,4-TRICHLOROBENZENE	o provide inf	ormatio	on other h	200 201	ral comm	unde rec	sected b	the	itueiter		
e this space (or a separate sheet) to			T							ALPEN TEN	
e this space (or a separate sheet) to	o provide info	ormation	on other p	ollutants	(e.g., pest	icides) re	quested b	by the per	mit writer.		
	ar of mercel black black	Marin Marin Marin									

2A YOU MUST COMPLETE

## SUPPLEMENTAL APPLICATION INFORMATION

#### PART E. TOXICITY TESTING DATA

POTWs meeting one or more of the following criteria must provide the results of whole effluent toxicity tests for acute or chronic toxicity for each of the facility's discharge points: 1) POTWs with a design flow rate greater than or equal to 1.0 mgd; 2) POTWs with a pretreatment program (or those that are required to have one under 40 CFR Part 403); or 3) POTWs required by the permitting authority to submit data for these parameters.

- At a minimum, these results must include quarterly testing for a 12-month period within the past 1 year using multiple species (minimum of two species), or the results from four tests performed at least annually in the four and one-half years prior to the application, provided the results show no appreciable toxicity, and testing for acute and/or chronic toxicity, depending on the range of receiving water dilution. Do not include information on combined sewer overflows in this section. All information reported must be based on data collected through analysis conducted using 40 CFR Part 136 methods. In addition, this data must comply with QA/QC requirements of 40 CFR Part 136 and other appropriate QA/QC requirements for standard methods for analytes not addressed by 40 CFR Part 136.
- In addition, submit the results of any other whole effluent toxicity tests from the past four and one-half years. If a whole effluent toxicity test conducted during the past four and one-half years revealed toxicity, provide any information on the cause of the toxicity or any results of a toxicity reduction evaluation, if one was conducted.
- If you have already submitted any of the information requested in Part E, you need not submit it again. Rather, provide the information requested in question E.4 for previously submitted information. If EPA methods were not used, report the reasons for using alternate methods. If test summaries are available that contain all of the information requested below, they may be submitted in place of Part E.

If no biomonitoring data is required, do not complete Part E. Refer to the Applicomplete.	quested below, they may be submitted in cation Overview for directions on which	other sections of the form to
E.1. Required Tests.		
Indicate the number of whole effluent toxicity tests conducted in the	past four and one-half years.	
E.2. Individual Test Data. Complete the following chart for each whole efflue column per test (where each species constitutes a test). Copy this page if Test number:	nt toxicity test conducted in the last four f more than three tests are being reported Test number:	and one-half years, Allow one ed.  Test number:
a. Test information.		
Test species & test method number		
Age at initiation of test		
Outfall number		
Dates sample collected		
Date test started		
Duration		
b. Give toxicity test methods followed.		
Manual title		
Edition number and year of publication		
Page number(s)		
c. Give the sample collection method(s) used. For multiple grab samples	, indicate the number of grab samples u	ised.
24-Hour composite		
Grab		
d. Indicate where the sample was taken in relation to disinfection. (Check	all that apply for each)	
Before disinfection	10	
After disinfection		
After dechlorination		

FACILITY NAME AND PERMIT NUMBE	iR:		Form Approved 1/14/99 OMB Number 2040-0086
	Test number:	Test number:	Test number:
e. Describe the point in the treatme	ent process at which the sample was coll	lected.	
Sample was collected:			
f. For each test, include whether th	e test was intended to assess chronic to	xicity, acute toxicity, or both.	
Chronic toxicity			
Acute toxicity			
g. Provide the type of test performe			
Static			
Static-renewal			
Flow-through			
h. Source of dilution water. If labor	atory water, specify type; if receiving wat	ler, specify source.	
Laboratory water			
Receiving water			
i. Type of dilution water. It salt water	er, specify "natural" or type of artificial sea	a salts or brine used.	
Fresh water			
Salt water			
	for all concentrations in the test series.		
		·	
k. Parameters measured during the	test. (State whether parameter meets te	st method specifications)	
рН			
Salinity			
Temperature			
Ammonia	·		
Dissolved oxygen			
I. Test Results.			
Acute:			
Percent survival in 100% effluent	%	%	%
LC <sub>50</sub>		<u></u>	
95% C.I.	% .	%	%
Control percent survival	%	· %	%

Other (describe)

FACILITY NAME AND PERMIT NUMBER	₹:		Form Approved 1/14/99 OMB Number 2040-0086
Chronic:			
NOEC	%	%	%
IC <sub>25</sub>	%	%	%
Control percent survival	%	%	%
Other (describe)			
m. Quality Control/Quality Assurance	е.		
Is reference toxicant data available?			
Was reference toxicant test within acceptable bounds?			
What date was reference toxicant test run (MM/DD/YYYY)?			
Other (describe)			
E.3. Toxicity Reduction Evaluation. Is the second s	he treatment works involved in a Toxici	ity Reduction Evaluation?	
E.4. Summary of Submitted Biomonitor of toxicity, within the past four and one results.	ing Test Information. If you have su e-half years, provide the dates the infor	ubmitted biomonitoring test information, rmation was submitted to the permitting	or information regarding the cause authority and a summary of the
Date submitted:	(MM/DD/YYYY)		
Summary of results: (see instructions	s)		
REFER TO THE APPLICAT	END OF PA	- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	ED DARTS OF FORM

REFER TO THE APPLICATION OVERVIEW TO DETERMINE WHICH OTHER PARTS OF FORM

2A YOU MUST COMPLETE.

FACILITY NAME AND PERMIT NUMBER:

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## SUPPLEMENTAL APPLICATION INFORMATION

# PART F. INDUSTRIAL USER DISCHARGES AND RCRA/CERCLA WASTES

	eatment works receiving discharges from significant industrial users or which receive RCRA, CERCLA, or other remedial wastes must plete Part E.
GE	VERAL INFORMATION:
F.1.	Pretreatment Program. Does the treatment works have, or is it subject to, an approved pretreatment program? YesNo
F.2.	Number of Significant Industrial Users (SIUs) and Categorical Industrial Users (CIUs). Provide the number of each of the following types of industrial users that discharge to the treatment works.
	a. Number of non-categorical SIUs.
	b. Number of CIUs.
SIG	NIFICANT INDUSTRIAL USER INFORMATION:
Sup	ly the following information for each SIU: If more than one SIU discharges to the treatment works, copy questions R.3 through R.8 and de the information requested for each SIU.
F.3.	Significant Industrial User Information. Provide the name and address of each SIU discharging to the treatment works. Submit additional pages as necessary.
	Name:
	Mailing Address:
F.4.	Industrial Processes. Describe all of the industrial processes that affect or contribute to the SIU's discharge.
F.5.	Principal Product(s) and Raw Material(s). Describe all of the principal processes and raw materials that affect or contribute to the SIU's discharge.
	Principal product(s):
	Raw material(s):
F.6.	Flow Rate.
	<ul> <li>Process wastewater flow rate. Indicate the average daily volume of process wastewater discharged into the collection system in gallons per day (gpd) and whether the discharge is continuous or intermittent.</li> </ul>
	gpd (continuous orintermittent)
	<ul> <li>Non-process wastewater flow rate. Indicate the average daily volume of non-process wastewater flow discharged into the collection system in gallons per day (gpd) and whether the discharge is continuous or intermittent.</li> </ul>
	gpd (continuous orintermittent)
F.7.	Pretreatment Standards. Indicate whether the SIU is subject to the following:
	a. Local limitsYesNo
	b. Categorical pretreatment standardsYesNo
	If subject to categorical pretreatment standards, which category and subcategory?

_							
8.	Problems at the Treatmenupsets, interference) at the				s the SIU caused	or contributed to	any problems (e.g.
	YesNo	If yes, describ	e each episode.				
				<u> </u>			<del></del>
				,			
CF	A HAZARDOUS WAST	TE RECEIVED	BY TRUCK, RAIL,	OR DEDICATED	PIPELINE:		
9.	RCRA Waste. Does the tre	eatment works red o F.12.)	ceive or has it in the pa	st three years receive	d RCRA hazardou	us waste by truck	, rail, or dedicated
10.	Waste Transport. Method	d by which RCRA	waste is received (che	ck all that apply):			
	Truck	Rail	Dedicated Pi	pe			
11.	Waste Description. Give EPA Hazardous Waste Nu		vaste number and amo Amount	ount (volume or mass,	specify units). <u>Units</u>		
	LI 71 Tiazai dous vvaste iva	<u>IIIIbol</u>	zanoune		<u>01110</u>		
		<del></del>	<del></del>	<del></del>		<del></del>	
				<del></del>			
	CLA (SUPERFUND) W						
T	ION WASTEWATER. A	ND OTHER RE	MEDIAL ACTIVITY	Y WASTEWATER:			
	<del>, , , , , , , , , , , , , , , , , , , </del>		MEDIAL ACTIVITY		*		the iting
	Remediation Waste. Doe	s the treatment w	orks currently (or has it	been notified that it w	*	from remedial ac	tivities?
	Remediation Waste. DoeYes (complete F.13 to	s the treatment withrough F.15.)	orks currently (or has it	been notified that it w	ill) receive waste t	from remedial ac	tivities?
	Remediation Waste. Doe	s the treatment withrough F.15.)	orks currently (or has it	been notified that it w	ill) receive waste t	from remedial ac	tivities?
12.	Remediation Waste. DoeYes (complete F.13 to Provide a list of sites and to	es the treatment we through F.15.) he requested infor	orks currently (or has it	been notified that it w No or each current and fu	rill) receive waste t		
12.	Remediation Waste. DoeYes (complete F.13 to	es the treatment we through F.15.) he requested infor	orks currently (or has it	been notified that it w No or each current and fu	rill) receive waste t		
12.	Remediation Waste. DoeYes (complete F.13 to Provide a list of sites and to Waste Origin. Describe the	es the treatment we through F.15.) he requested infor	orks currently (or has it  mation (F.13 - F.15.) for facility at which the CE	been notified that it w No or each current and fu	rill) receive waste to ture site.		
2.	Remediation Waste. DoeYes (complete F.13 to Provide a list of sites and to Waste Origin. Describe the	es the treatment we through F.15.) he requested infor	orks currently (or has it	been notified that it w No or each current and fu  RCLA/RCRA/or other	rill) receive waste to ture site.		
2.	Remediation Waste. DoeYes (complete F.13 to Provide a list of sites and to Waste Origin. Describe the	es the treatment we through F.15.) he requested infor	orks currently (or has it	been notified that it w No or each current and fu ERCLA/RCRA/or other	rill) receive waste to ture site.		
3.	Remediation Waste. DoeYes (complete F.13 to Provide a list of sites and to Waste Origin. Describe the next five years).	es the treatment we through F.15.) he requested infor he site and type of	orks currently (or has it  mation (F.13 - F.15.) for facility at which the CE	been notified that it w No or each current and fu ERCLA/RCRA/or other	rill) receive waste to	originates (or is ex	xpected to originate
<b>2</b> . <b>3</b> .	Remediation Waste. DoeYes (complete F.13 to Provide a list of sites and to Waste Origin. Describe the next five years).  Pollutants. List the hazard	es the treatment we through F.15.) he requested infor he site and type of lous constituents t	orks currently (or has it  mation (F.13 - F.15.) for facility at which the CE	been notified that it w No or each current and fu ERCLA/RCRA/or other	rill) receive waste to	originates (or is ex	xpected to originate
<b>2</b> . <b>3</b> .	Remediation Waste. DoeYes (complete F.13 to Provide a list of sites and to Waste Origin. Describe the next five years).	es the treatment we through F.15.) he requested infor he site and type of lous constituents t	orks currently (or has it  mation (F.13 - F.15.) for facility at which the CE	been notified that it w No or each current and fu ERCLA/RCRA/or other	rill) receive waste to	originates (or is ex	xpected to originate
<b>2</b> . <b>3</b> .	Remediation Waste. DoeYes (complete F.13 to Provide a list of sites and to Waste Origin. Describe the next five years).  Pollutants. List the hazard	es the treatment we through F.15.) he requested infor he site and type of lous constituents t	orks currently (or has it  mation (F.13 - F.15.) for facility at which the CE	been notified that it w No or each current and fu ERCLA/RCRA/or other	rill) receive waste to	originates (or is ex	xpected to originate
12.	Remediation Waste. DoeYes (complete F.13 to Provide a list of sites and to Waste Origin. Describe the next five years).  Pollutants. List the hazard	es the treatment we through F.15.) he requested infor he site and type of lous constituents t	orks currently (or has it  mation (F.13 - F.15.) for facility at which the CE	been notified that it w No or each current and fu ERCLA/RCRA/or other	rill) receive waste to	originates (or is ex	xpected to originate
12.	Remediation Waste. DoeYes (complete F.13 to Provide a list of sites and to Waste Origin. Describe the next five years).  Pollutants. List the hazard	es the treatment we through F.15.) he requested infor he site and type of lous constituents t	orks currently (or has it  mation (F.13 - F.15.) for facility at which the CE	been notified that it w No or each current and fu ERCLA/RCRA/or other	rill) receive waste to	originates (or is ex	xpected to originate
12. 13. 4.	Remediation Waste. DoeYes (complete F.13 to Provide a list of sites and to Waste Origin. Describe the next five years).  Pollutants. List the hazard (Attach additional sheets if references).	the treatment withrough F.15.)  the requested informs site and type of the site and type of t	orks currently (or has it	been notified that it wellow No or each current and full ERCLA/RCRA/or other expected to be received.	rill) receive waste to	originates (or is ex	xpected to originate
12. 13. 4.	Remediation Waste. DoeYes (complete F.13 ti Provide a list of sites and ti Waste Origin. Describe th the next five years).  Pollutants. List the hazard (Attach additional sheets if r	the treatment withrough F.15.)  the requested informs site and type of the site and type of t	orks currently (or has it	been notified that it wellow No or each current and full ERCLA/RCRA/or other expected to be received.	rill) receive waste to	originates (or is ex	xpected to originate
12.	Remediation Waste. DoeYes (complete F.13 ti Provide a list of sites and ti  Waste Origin. Describe th the next five years).  Pollutants. List the hazard (Attach additional sheets if r  Waste Treatment. a. Is this waste treated (or	the treatment withrough F.15.)  the requested informs site and type of the site and type of t	rmation (F.13 - F.15.) for facility at which the CE	been notified that it wellow No or each current and fur ERCLA/RCRA/or other expected to be receivatment works?	rill) receive waste to	originates (or is ex	xpected to originate
2. 3.	Pollutants. List the hazard (Attach additional sheets if r	the treatment withrough F.15.)  the requested informs site and type of the site and type of t	rmation (F.13 - F.15.) for facility at which the CE	been notified that it wellow No or each current and fur ERCLA/RCRA/or other expected to be receivatment works?	rill) receive waste to	originates (or is ex	xpected to originate
12.	Pollutants. List the hazard (Attach additional sheets if r	the treatment withrough F.15.)  the requested informs site and type of the site and type of t	rmation (F.13 - F.15.) for facility at which the CE	been notified that it wellow No or each current and fur ERCLA/RCRA/or other expected to be receivatment works?	rill) receive waste to	originates (or is ex	xpected to originate
12. 13. 4.	Pollutants. List the hazard (Attach additional sheets if r	the treatment withrough F.15.)  the requested informs site and type of the site and type of t	rmation (F.13 - F.15.) for facility at which the CE	been notified that it wellow No or each current and fur ERCLA/RCRA/or other expected to be receivatment works?	rill) receive waste to	originates (or is ex	xpected to originate
12.	Pollutants. List the hazard (Attach additional sheets if r	the treatment withrough F.15.)  the requested informs in the site and type of the site and ty	mation (F.13 - F.15.) for facility at which the CE hat are received (or are prior to entering the treatment of the treatment	been notified that it wellow not each current and fur each current and fur excellence expected to be receival atment works?	rill) receive waste to	originates (or is ex	xpected to originate
12.	Pollutants. List the hazard (Attach additional sheets if r	the treatment withrough F.15.)  the requested informs site and type of the site and type of t	mation (F.13 - F.15.) for facility at which the CE hat are received (or are primation about the removement or intermitted).	been notified that it wellow not each current and fur each current and fur excellence expected to be receival atment works?	rill) receive waste to ture site.	originates (or is ex	xpected to originate

2A YOU MUST COMPLETE

EPA Form 3510-2A (Rev. 1-99). Replaces EPA forms 7550-6 & 7550-22.

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## SUPPLEMENTAL APPLICATION INFORMATION

## PART G. COMBINED SEWER SYSTEMS

If the treatment works has a combined sewer system, complete Part G.

- G.1. System Map. Provide a map indicating the following: (may be included with Basic Application Information)
  - a. All CSO discharge points.
  - b. Sensitive use areas potentially affected by CSOs (e.g., beaches, drinking water supplies, shellfish beds, sensitive aquatic ecosystems, and outstanding natural resource waters).
  - c. Waters that support threatened and endangered species potentially affected by CSOs.
- **G.2.** System Diagram. Provide a diagram, either in the map provided in G.1. or on a separate drawing, of the combined sewer collection system that includes the following information:
  - a. Locations of major sewer trunk lines, both combined and separate sanitary.
  - b. Locations of points where separate sanitary sewers feed into the combined sewer system.
  - Locations of in-line and off-line storage structures.
  - d. Locations of flow-regulating devices.
  - e. Locations of pump stations.

CSO	Oι	ITE	ΔI	19	٠.

Comp	let	e questions G.3 throug	ih G.6 önce for each CSO discharge point		
G.3. D	)es	cription of Outfall.			
ŧ	a.	Outfall number			
t	b.	Location	(Otrocher (facility))	(7.0.1)	
			(City or town, if applicable)	(Zip Code)	
			(County)	(State)	,
			(Latitude)	(Longitude)	
c	3.	Distance from shore (if	applicable)	ft.	
. d	1.	Depth below surface (if	applicable)	ft.	
е	3.	Which of the following w	vere monitored during the last year for this CS	0?	,
		Rainfall	CSO pollutant concentrations	CSO frequency	
		CSO flow volume	Receiving water quality		
f.		How many storm events	were monitored during the last year?		
G.4. CS	so	Events.			
a.		Give the number of CSC	events in the last year.	·	
		events (	_ actual or approx.)		
ħ		Give the average duration	in her CSO event		

\_ actual or \_

approx.)

hours (

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c. Give the average volume per CSO event.	··· 1	
million gallons ( actual or approx.)		
dGive the minimum rainfall that caused a CSO event in the last year	ar.	•
inches of rainfall	,	
G.5. Description of Receiving Waters.		
a. Name of receiving water:		
b. Name of watershed/river/stream system:		·
United States Soil Conservation Service 14-digit watershed code	(if known):	
c. Name of State Management/River Basin:	· · · · · · · · · · · · · · · · · · ·	······································
United States Geological Survey 8-digit hydrologic cataloging unit	code (if known):	
G.6. CSO Operations.	•	
Describe any known water quality impacts on the receiving water caus intermittent shell fish bed closings, fish kills, fish advisories, other recre	ed by this CSO (e.g., permanent or intenentional loss, or violation of any applicable	mittent beach closings, permanent or e State water quality standard).
物质,其基础的企会,是一种的一种,是一种的一种的一种的一种的一种的一种的一种,这个一种的一种,这种种的一种,一种的一种的一种的一种的一种的一种,这种种种的一种,	PART G.	
REFER TO THE APPLICATION OVERVIEW TO	And the first term of the firs	HER PARTS OF FORM
ZA YOU MUS	T COMPLETE.	

## SCREENING INFORMATION

This application is divided into sections. Sections A pertain to all applicants. The applicability of Sections B, C and D depend on your facility's sewage sludge use or disposal practices. The information provided on this page will help you determine which sections to fill out.

deten		ch sections to fill out.
1.	All ap	plicants must complete Section A (General Information).
2.	Will t	his facility generate sewage sludge? XYes _No
	Will t	his facility derive a material from sewage sludge?Yes XNo
		answered Yes to either, complete Section B (Generation Of Sewage Sludge Or Preparation Of A Material ed From Sewage Sludge).
3.	Will t	his facility apply sewage sludge to the land? XYes _No
	Will s	newage sludge from this facility be applied to the land? _Yes XNo
	If you	answered No to both questions above, skip Section C.
	If you	answered Yes to either, answer the following three questions:
	<b>a.</b>	Will the sewage sludge from this facility meet the ceiling concentrations, pollutant concentrations, Class A pathogen reduction requirements and one of the vector attraction reduction requirements 1-8, as identified it the instructions?  Yes _No
	b.	Will sewage sludge from this facility be placed in a bag or other container for sale or give-away for application to the land?Yes \( \sum_No \)
	c.	Will sewage sludge from this facility be sent to another facility for treatment or blending? _Yes XNo
	If you	answered No to all three, complete Section C (Land Application Of Bulk Sewage Sludge).
	If you	answered Yes to a, b or c, skip Section C.
1.	Do yo	u own or operate a surface disposal site?Yes X_No
	If Yes	, complete Section D (Surface Disposal).
	• •	

## SECTION A. GENERAL INFORMATION

All applicants must	complete th	is section.
---------------------	-------------	-------------

1.	Facili	ty Information. Facility name: Kenbridge Wastewater TRE At ment Plant	
	a.	Facility name: APARIOGE AND THE STATE OF THE PROPERTY OF THE P	
	b.	Contact person: Jerry Smith  Title: Operator	
		Title: Operator	
		Phone: 434 676-2465	
	c.	Mailing address:	•
		Street or P.O. Box: 478	
		City or Town: Kenbridge, Va. State: 23944 Zip:	
	d.	Facility location:	
		Street or Route #: 171 North maple St.	
		County: Lanendurg	
		City or Town: Kenhridge, Va. State: 23944 Zip:	
	e.	Is this facility a Class I sludge management facility?YesNo	
	f.	Facility design flow rate: mgd	
	g.	Total population served: 1,200	
	h.	Indicate the type of facility:	
	•	Publicly owned treatment works (POTW)	*.
		Privately owned treatment works	
		Federally owned treatment works	7
		Blending or treatment operation	
		Surface disposal site	
		Other (describe):	*,
2.	Applica. b. c. d.	Applicant name: Town of Kenbeidge  Mailing address: Street or P.O. Box: P.O. Box 478 City or Town: Kenbeidge State: Virgini Rip: 23944  Contact person: Donnie Neblett  Title: Town Manager  Phone: (424) 676-2452 Is the applicant the owner or operator (or both) of this facility?	
3.	Permit	Information.	
	a.	Facility's VPDES permit number (if applicable):	
,	Ъ.	List on this form or an attachment, all other federal, state or local permits or construction approvals re-	ceived
		or applied for that regulate this facility's sewage sludge management practices:	
		Permit Number: Type of Permit:  VA 0026239 NPDES PERMIT	
		VA 0026239 NPDES PERMIT	

ACILITY NAME:	VPDES PERMIT NUMBER:
in accordance with a system designed to assure submitted. Based on my inquiry of the person for gathering the information, the information i	at and all attachments were prepared under my direction or supervision that qualified personnel properly gather and evaluate the information or persons who manage the system or those persons directly responsible s, to the best of my knowledge and belief, true, accurate and complete. For submitting false information, including the possibility of fine and
Name and official title	
Signature	_ Date Signed
Telephone number	
Upon request of the department, you must subn disposal practices at your facility or identify ap	nit any other information necessary to assess sewage sludge use or propriate permitting requirements.

## SECTION B. GENERATION OF SEWAGE SLUDGE OR PREPARATION OF A MATERIAL DERIVED FROM SEWAGE SLUDGE

Complete this section if your facility generates sewage sludge or derives a material from sewage sludge

•		tion it your facility generates sewage situage or derives a material from sewage studge		
1.	Amou Total	nt Generated On Site. V/A dry metric tons per 365-day period generated at your facility: dry metric tons		
2.	dispos	nt Received from Off Site. If your facility receives sewage sludge from another facility for sal, provide the following information for each facility from which sewage sludge is received a sludge from more than one facility, attach additional pages as necessary.	r treatment, use or ed. If you receive	·
	a	Facility name:	·	
	Ъ.	Contact Person:		
		Title:		
		Phone () Mailing address:		
	c.	Mailing address:		
		Street or P.O. Box:		
		City or Town: State: Zip:	•	
	đ.	Facility Address:		
		(not P.O. Box)		
	e.	Total dry metric tons per 365-day period received from this facility:	_ dry metric tons	
	f.	Describe, on this form or on another sheet of paper, any treatment processes known to o	occur at the off-site	
		facility, including blending activities and treatment to reduce pathogens or vector attrac	tion characteristics:	i
			•	
٠				
3.	Treatr	nent Provided at Your Facility.		
	a.	Which class of pathogen reduction is achieved for the sewage sludge at your facility?		
		Class A	4	±*
	Ъ.	Describe, on this form or another sheet of paper, any treatment processes used at your fa	acility to reduce	
		pathogens in sewage sludge: Aerobic Digestion		
		The state of the s		şi.
	c.	Which vector attraction reduction option is met for the sewage sludge at your facility?		
		Option 1 (Minimum 38 percent reduction in volatile solids)		
,		Option 2 (Anaerobic process, with bench-scale demonstration)		
		Option 3 (Aerobic process, with bench-scale demonstration)	•	
-		Option 4 (Specific oxygen uptake rate for aerobically digested sludge)		
	•	Option 5 (Aerobic processes plus raised temperature)		
		Option 6 (Raise pH to 12 and retain at 11.5) Option 7 (75 percent solids with no unstabilized solids)		
		Option 8 (90 percent solids with unstabilized solids)		
		None or unknown		•
	d.	Describe, on this form or another sheet of paper, any treatment processes used at your fa	cility to reduce	r .
	u.		-	
		vector attraction properties of sewage sludge: Sludge will be dempeted by Centrifuge a Transported to land	Still to Receive dail,	y cover
	e.	Describe, on this form or another sheet of paper, any other sewage sludge treatment acti	vities, including	
	Ç.	blending, not identified in a - d above:		
		ordinants, not inclinious in a " a not or		
4.		ation of Sewage Sludge Meeting Ceiling and Pollutant Concentrations, Class A Pathogen I tor Attraction Reduction Options 1-8 (EQ Sludge).	Requirements and One	
		ge sludge from your facility does not meet all of these criteria, skip Question 4.)	· .	
	a.	Total dry metric tons per 365-day period of sewage sludge subject to this section that is	applied to the land:	
110		dry metric tons	-F.F 12 mrs 200000	
114	b.	Is sewage sludge subject to this section placed in bags or other containers for sale or give	e-away?	
( '	ų.	T	· ····································	
		_Yes _No		

	LITY N	AME: VPDES PERMIT NUMBER:
5.	Sale (	or Give-Away in a Bag or Other Container for Application to the Land. When the land application is you place sewage studge in a bag or other container for sale or give-away prior to land application. Skip this
-	(Comp	plete this question if you place sewage sludge in a bag or other container for sale or give-away prior to land application. Skip this
	questi	on if sewage sludge is covered in Question 4.)
	a. ·	Total dry metric tons per 365-day period of sewage sludge placed in a bag or other container at your facility
		for sale or give-away for application to the land: dry metric tons
	b.	Attach, with this application, a copy of all labels or notices that accompany the sewage sludge being sold or
		given away in a bag or other container for application to the land.
		n / I M
j.	Shipp	nent Off Site for Treatment or Blending. $\mathcal{N}/\mathcal{A}$
	(Comp	plete this question if sewage sludge from your facility is sent to another facility that provides treatment or blending. This question
	does n	ot apply to sewage sludge sent directly to a land application or surface disposal site. Skip this question if the sewage sludge is
)	covere	d in Questions 4 or 5. If you send sewage sludge to more than one facility, attach additional sheets as necessary.)
′	a.	Receiving facility name:
	b.	Facility contact:
		Title:
		Phone: ( )
	C.	Mailing address:
		Street of P.O. Box:
		City or Town: State: Zip:
	đ.	Total dry metric tons per 365-day period of sewage sludge provided to receiving facility: dry
		metric tons
	e.	List, on this form or an attachment, the receiving facility's VPDES permit number as well as the numbers of
		all other federal, state or local permits that regulate the receiving facility's sewage sludge use or disposal
	•	practices:
		Permit Number: Type of Permit:
		Tipo VI Volume
		·
	f.	Does the receiving facility provide additional treatment to reduce pathogens in sewage sludge from your
	1.	facility?YesNo
		Which class of pathogen reduction is achieved for the sewage sludge at the receiving facility?
		Class AClass BNeither or unknown
		Describe, on this form or another sheet of paper, any treatment processes used at the receiving facility to
		reduce pathogens in sewage sludge:
		reduce pathogens in sewage studge:
	•	Does the receiving facility provide additional treatment to reduce vector attraction characteristics of the
	g.	sewage sludge?YesNo
		· · · · · · · · · · · · · · · · · · ·
		Which vector attraction reduction option is met for the sewage sludge at the receiving facility?
		Option 1 (Minimum 38 percent reduction in volatile solids)
		Option 2 (Anaerobic process, with bench-scale demonstration)
		Option 3 (Aerobic process, with bench-scale demonstration)
		Option 4 (Specific oxygen uptake rate for aerobically digested sludge)
	•	Option 5 (Aerobic processes plus raised temperature)
	•	Option 6 (Raise pH to 12 and retain at 11.5)
		Option 7 (75 percent solids with no unstabilized solids)
		Option 8 (90 percent solids with unstabilized solids)
		None unknown
		Describe, on this form or another sheet of paper, any treatment processes used at the receiving facility to
		reduce vector attraction properties of sewage sludge:
	h.	Does the receiving facility provide any additional treatment or blending not identified in f or g above?
		YesNo
		If yes, describe, on this form or another sheet of paper, the treatment processes not identified in f or g above:
	i.	If you answered yes to f., g or h above, attach a copy of any information you provide to the receiving facility

to comply with the "notice and necessary information" requirement of 9 VAC 25-31-530.G.

<b>FACII</b>	LITY NA	ME: VPDES PERMIT NUMBER
	j	Does the receiving facility place sewage sludge from your facility in a bag or other container for sale or give-away for application to the land?YesNo
		If yes, provide a copy of all labels or notices that accompany the product being sold or given away.
	k.	Will the sewage sludge be transported to the receiving facility in a truck-mounted watertight tank normally used for such purposes? Yes No. If no, provide description and specification on the vehicle used to
		transport the sewage sludge to the receiving facility.
		Show the haul route(s) on a location map or briefly describe the haul route below and indicate the days of the week and the times of the day sewage sludge will be transported.
7.		pplication of Bulk Sewage Sludge. $N/A$
		te Question 7.a if sewage sludge from your facility is applied to the land, unless the sewage sludge is covered in Questions 4, 5 or
	6; compl	ete Question 7.b, c & d only if you are responsible for land application of sewage sludge.)
	a.	Total dry metric tons per 365-day period of sewage sludge applied to all land application sites:dry metric tons
	<b>b</b> .	Do you identify all land application sites in Section C of this application?YesNo
		If no, submit a copy of the Land Application Plan (LAP) with this application (LAP should be prepared in accordance with the instructions).
	c.	Are any land application sites located in States other than Virginia?YesNo
-	• • •	If yes, describe, on this form or on another sheet of paper, how you notify the permitting authority for the
•	. "	States where the land application sites are located. Provide a copy of the notification.
	d.	Attach a copy of any information you provide to the owner or lease holder of the land application sites to comply with the "notice and necessary" information requirement of 9 VAC 25-31-530 F and/or H (Examples may be obtained in Appendix IV).
194	1 41	
8.		Disposal. MA
	• -	te Question 8 if sewage sludge from your facility is placed on a surface disposal site.)  Total dry metric tons per 365-day period of sewage sludge from your facility placed on all surface disposal
	а.	· · · · · · · · · · · · · · · · · · ·
	b.	sites: dry metric tons  Do you own or operate all surface disposal sites to which you send sewage sludge for disposal? YesNo
: -	* 1.07.1 <b>)</b>	If no, answer questions c - g for each surface disposal site that you do not own or operate. If you send sewage sludge to more than one surface disposal site, attach additional pages as necessary.
	c.	Site name or number:
	đ.	Contact person:
		Title:
		Phone: ( )
		Contact is:Site OwnerSite operator
	e.	Mailing address.
		Street or P.O. Box:
		City or Town: State: Zip:
	f.	Total dry metric tons per 365-day period of sewage sludge from your facility placed on this surface disposal site: dry metric tons
	g.	List, on this form or an attachment, the surface disposal site VPDES permit number as well as the numbers of all other federal, state or local permits that regulate the sewage sludge use or disposal practices at the surface disposal site:
		Permit Number: Type of Permit:
€.	Incinera	• • • • • • • • • • • • • • • • • • • •
	(Complet	e Question 9 if sewage sludge from your facility is fired in a sewage sludge incinerator.)
	a,	Total dry metric tons per 365-day period of sewage sludge from your facility fired in a sewage sludge
		incinerator: dry metric tons

VPDES PERMIT NUMBER:

FACIL	ITY NA	ME: VPDES PERMIT NUMBER:
	b.	Do you own or operate all sewage sludge incinerators in which sewage sludge from your facility is fired?  Yes X No
	,	If no, answer questions c - g for each sewage sludge incinerator that you do not own or operate. If you send sewage sludge to more than one sewage sludge incinerator, attach additional pages as necessary.
	c.	Incinerator name or number:
	đ.	Contact person:
		Title:
		Phone: ( )
		Contact is:Incinerator OwnerIncinerator Operator
	e.	Mailing address.
		Street or P.O. Box:
		City or Town: State: Zip:
	f.	Total dry metric tons per 365-day period of sewage sludge from your facility fired in this sewage sludge
	1.	incinerator: dry metric tons
	~	List on this form or an attachment the numbers of all other federal, state or local permits that regulate the
	g.	
		firing of sewage sludge at this incinerator:  Permit Number:  Type of Permit:
		Permit Number: Type of Permit:
;		
10. 🕟		al in a Municipal Solid Waste Landfill.
		te Question 10 if sewage sludge from your facility is placed on a municipal solid waste landfill. Provide the following information
		municipal solid waste landfill on which sewage sludge from your facility is placed. If sewage sludge is placed on more than one
	municipa	al solid waste landfill, attach additional pages as necessary.)
	a	Landfill name: Lunen burg SANITARY LANGTILL
	<b>b.</b> ,	Contact person: 175, 2410 y Philippin Colon 1 RM
		Title: Supervisor
		Phone: (134) 696-2559
		Contact is:Landfill Owner $\nearrow$ Landfill Operator
	c.	Mailing address.
:		Street or P.O. Box: Court House Square
		City or Town: Lunen burg State: Virginia Zip: 23952
:	d.	Landfill location.
÷		Street or Route #: 659
		County: Lunen bukg
		City or Town: Lunenburg State: Virginit Zip: 23952
	e.	Total dry metric tons per 365-day period of sewage sludge placed in this municipal solid waste landfill:
		30 dry metric tons
	f.	List, on this form or an attachment, the numbers of all federal, state or local permits that regulate the
	T.	operation of this municipal solid waste landfill:
		•
		Permit Number: Type of Permit:  227  Solid WASK
		<u></u>
		December 11 - 12 - 13 - 14 - 15 - 15 - 15 - 15 - 15 - 15 - 15
	g.	Does sewage sludge meet applicable requirements in the Virginia Solid Waste Management Regulation, 9
		VAC 20-80-10 et seq., concerning the quality of materials disposed in a municipal solid waste landfill?
•	_	YesNo
	h.	Does the municipal solid waste landfill comply with all applicable criteria set forth in the Virginia Solid
		Waste Management Regulation, 9 VAC 20-80-10 et seq.? XYesNo
	i.	Will the vehicle bed or other container used to transport sewage sludge to the municipal solid waste landfill
		be watertight and covered? X YesNo
		Show the haul route(s) on a location map or briefly describe the route below and indicate the days of the week
		and time of the day sewage sludge will be transported. Monday - Friday 7:00 Am To 3:30 Pm

VPDES	PERMIT	NUMBER:

FACE	LITY NA		TION C I A	ND ADDITION	VPD OF BULK SEWAGE S	ES PERMIT NUMBER
		SEC	TION C. LA	IND ATTLICATION	OF BOLK OBWAGE	DCDGB
Comple	te this secti	on for sewage sludge that is	land applied uni	ess any of the following c	onditions apply:	· · · · · · · · · · · · · · · · · · ·
	The sews	age sludge meets the Table coor attraction of	I ceiling concentr	rations, the Table 3 pollut	ant concentrations, Class A p	athogen requirements and one
	The sew	ege sludge is sold or given a	way in a bag or o	ther container for applic	ation to the land (fill out B.5 i	nstead); or
	You pro	vide the sewage sludge to a	nother facility for	treatment or blending (fi	ill out B.6 instead).	
Comple	te Section C	C for every site on which the	e sewage sludge ti	nat you reported in B.7 is	land applied.	
1	Talensis.	antine of I and Ameliaa	tion Cita	- 110		
1.		cation of Land Applicat Site name or number:	non Site.	<i>1</i> 1//#		•
	a. b.	Site location (Comple	ta i and ii)	<i>''</i> / <i>''</i>		
	D.	i, Street or Rou	•			
			ile#.			
		County:	n:	State:	Zip:	,
		ii. Latitude:	1.	State Longitude:	zip.	
			titude/longitud	e determination		
			GS map		Other	
	c.				ppropriate map if a topogr	anhic man is unavailable
	C.	that shows the site loc		Thurs timb (or order of	ppropriate map is a topogr	
		that shows the site fee	ulion.			
2.	Owner 1	Information.				
-•	a.	Are you the owner of	this land applic	ation site? Yes	No	•
	Ъ.	If no, provide the follo				
	,	Name:	,			•
		Street or P.O. Box:				, · · · · · · · · · · · · · · · · · · ·
•		City or Town:		State:	Zip:	÷
		Phone: ( )				• .
						•
3.	Applier	Information:		•		
	a.		io applies, or w	ho is responsible for	application of, sewage slu	dge to this land
		application site?Y		,		
	Ъ.	If no, provide the follo	wing informat	ion for the person who	o applies the sewage sludg	ge:
		Name:				
	•	Street or P.O. Box:				•
		City or Town:		State:	Zip:	
		Phone: ( )				1
	C.	List, on this form or ar	n attachment, th	e numbers of all fede	ral, state or local permits	that regulate the person
	٠	who applies sewage sl	udge to this lan	d application site:	•	
	٠	Permit Number:		Type of Perm	<u>iit:</u>	
				1		
•						
4.		e. Identify the type of			<del>-</del>	
		cultural land		nation site	Forest	i ···
1	Publi	c contact site	Other.	Describe		

Are any vector attraction reduction requirements met when sewage sludge is applied to the land application site?

Describe, on this form or on another sheet of paper, any treatment processes used at the land application site

Option 9 (Injection below land surface)

Indicate which vector attraction reduction option is met:

\_\_ Option 10 (Incorporation into soil within 6 hours)

to reduce the vector attraction properties of sewage sludge:

Vector Attraction Reduction.

\_\_\_Yes \_\_\_No If yes, answer a and b.

5.

a.

b.

FACIL	ILITY NAME:	VPDES PERMIT NUMBER:
6.	Cumulative Loadings and Remaining Allotments.	
	(Complete Question 6 only if the sewage sludge applied to this site since Ju	nly 20, 1993 is subject to the cumulative pollutant loading rates
	(CPLRs) - see instructions.)	
	a. Have you contacted DEQ or the permitting authority in CPLRs will be applied to ascertain whether bulk sewag	
•	site since July 20, 1993?YesNo	
	If no, sewage sludge subject to the CPLRs may not be	applied to this site.
	If yes, provide the following information:	
	Permitting authority:	1 N
	Permitting authority: Contact person:	<i>  H</i>
	Phone:( )	
	b. Based upon this inquiry, has bulk sewage sludge subject	et to the CPLRs been applied to this site since July 20,
	1993?YesNo If no, skip the rest of Question 6	5. If yes, answer questions c - e.
	c. Site size, in hectares:	(one hectare = 2.471 acres)
	d. Provide the following information for every facility oth	
	subject to the CPLRs to this site since July 20, 1993. It	f more than one such facility sends sewage sludge to
	this site, attach additional pages as necessary.	
	Facility name:	
	Facility contact:	
	Title:	
	Phone: ( )	•
	Mailing address.	
	Street or P.O. Box:	
·	City or Town: State:	_ Zip:
	e. Provide the total loading and allotment remaining, in kg	hectare, for each of the following pollutants:
		llotment remaining
	Arsenic	•
>	Cadmium	
	Copper	
•	Lead	
	Mercury	
	Nickel	
	Selenium	
	Zinc	•
	<del></del>	
by these	ete Questions 7-12 below only if you apply sewage sludge, or you are responsible questions may be prepared as attachments to this form. Skip the following qued under Section A.7) who is responsible for the operation.	le for land application of sewage sludge. Information required uestions if you contract land application to someone else (as
7 .	Sludge Characterization. Use the table below or a separate attacl	hant provide at least one confusio for such
7.	parameter.	ament, provide at least one analysis for each
	DCD - (/()	
	PCBs (mg/kg)	
	pH (S. U.)	
	Percent Solids (%)	•
	Ammonium Nitrogen (mg/kg)	
	Nitrate Nitrogen (mg/kg)	
	Total Kjeldahl Nitrogen (mg/kg)	
	Total Phosphorus (mg/kg)	
	Total Potassium (mg/kg)	
	Alkalinity as CaCO <sub>3</sub> " (mg/kg)	

Lime treated sludge (10% or more lime by dry weight) should be analyzed for percent CaCO<sub>3</sub>.

VPDES PERMIT NUMBER: **FACILITY NAME:** Storage Requirements. 8. Existing and proposed sludge storage facilities must provide an estimated annual sludge balance on a monthly basis incorporating such factors as storage capacity, sludge production and land application schedule. Include pertinent calculations justifying storage requirements. Proposed sludge storage facilities must also provide the following information: A sludge storage site layout on a 7.5 minute topographic quadrangle or other appropriate scaled map to show the following topographic features of the surrounding landscape to a distance of 0.25 mile. Clearly mark the property line. Water wells, abandoned or operating 1) 2) Surface waters N/A 3) Springs 4) Public water supply(s) 5) Sinkholes Underground and/or surface mines 6) Mine pool (or other) surface water discharge points 7) 8) Mining spoil piles and mine dumps 9) Quarry(s) Sand and gravel pits 10) Gas and oil wells 11) 12) Diversion ditch(s) Agricultural drainage ditch(s) 13) Occupied dwellings, including industrial and commercial establishments 14) 15) Landfills or dumps 16) Other unlined impoundments Septic tanks and drainfields 17) Injection wells 18) 19) Rock outcrops A topographic map of sufficient detail to clearly show the following information: b. 1) Maximum and minimum percent slopes 2) Depressions on the site that may collect water 3) Drainageways that may attribute to rainfall run-on to or runoff from this site Portions of the site (if any) which are located with the 100-year floodplain and how the storage 4) facility will be protected from flooding Data and specifications for the storage facility lining material. C. Plan and cross-sectional views of the storage facility. d. Depth from the bottom of the storage facility to the seasonal high water table and separation distance to the e. permanent water table. Land Area Requirements. Provide calculations justifying the land area requirements for land application of sewage 9. sludge taking into consideration average soil productivity group, crop(s) to be grown and most limiting factor(s) of the sewage sludge, specifically Plant Available Nitrogen (PAN), Calcium Carbonate Equivalence (CCE), and metal loadings (CPLR sewage sludge only), where applicable. Relate PAN, CCE, and metal loadings to demonstrate the most limiting factor for land application. 10. Landowner Agreement Forms. Provide a properly completed Sewage Sludge Application Agreement Form (attached) for each landowner if sewage sludge is to be applied onto land not owned by the applicant. 11. Ground Water Monitoring. Are any ground water monitoring data available for this land application site? \_\_\_Yes \_\_\_No If yes, submit the ground water monitoring data with this permit application. Also submit a written description of the well locations, approximate depth to ground water, and the ground water monitoring procedures used to obtain these data.

(Complete Items a-d for sites receiving infrequent application - land application of sewage sludge up to the agronomic rate at a frequency of once in a 3 year period; complete Items a-h for sites receiving frequent application - land application of sewage sludge in excess of 70%

Land Application Site Information.

the agronomic rate at a frequency greater than once in a 3 year period)

12.

- a. Provide a general location map for each county which clearly indicates the location of all the land application sites.
- b. For each land application site provide a site plan of sufficient detail to clearly show the concerned landscape features and associated buffer zones (See instructions). Provide a legend for each landscape feature and the net acreage for each field taking into account the proposed buffer zones.
- In order to ensure that land application of bulk sewage sludge will not impact federally listed threatened or endangered species or federally designated critical habitat, the applicant must notify the field office of the U. S. Department of the Interior, Fish and Wildlife Service (FWS), by a letter, the proposed land application activities with the identification of the land application sites. The address and phone number of FWS are provided below.

U. S. Fish and Wildlife Service Virginia Field Office P. O. Box 480 White Marsh, VA 23183 TEL: (804)693-6694

Provide a copy of the notification letter with this application form.

- d. Provide a soil survey map, preferably photographically based, with the field boundaries clearly marked. (A USDA-SCS soil survey map should be provided, if available.)
   Provide a detailed legend for each soil survey map which uses accepted USDA-SCS descriptions of the typifying pedon for each soil series (soil type). Complex associations may be described as a range of characteristics. Soil descriptions shall include as a minimum the following information.
  - 1) Soil symbol
  - 2) Soil series, textural phase and slope range
  - 3) Depth to seasonal high water table
  - 4) Depth to bedrock
  - 5) Estimated soil productivity group (for the proposed crop rotation)

## Item e - h are required for sites receiving frequent application of sewage sludge

- e. In order to verify the information provided in item d, characterize the soil at each land application site.

  Representative soil borings or test pits to a depth of five feet or to bedrock if shallower, are to be coordinated for the typifying pedon of each soil series (soil type). Soil descriptions shall include as a minimum the following information:
  - 1). Soil symbol
  - 2). Soil series, textural phase and slope range
  - 3). Depth to seasonal high water table
  - 4). Depth to bedrock
  - 5). Estimated soil productivity group (for the proposed crop rotation)

FACILITY NAME: VPDES PERMIT NUMBER:

Collect and analyze soil samples from each field, weighted to best represent each of the soil borings performed for Item e. Using the table below or a separate attachment, provide at least one analysis per sample for each of the following parameters.

Soil Organic Matter (%)

Soil pH (std. units)

Cation Exchange Capacity (meq/100g)

Total Nitrogen (ppm)

Organic Nitrogen (ppm)

Ammonia Nitrogen (ppm)

Nitrate Nitrogen (ppm)

Available Phosphorus (ppm)

Exchangeable Potassium (mg/100g)

Exchangeable Sodium (mg/100g)

Exchangeable Calcium (mg/100g)

Exchangeable Magnesium (mg/100g)

Arsenic (ppm)

Cadmium (ppm)

Copper (ppm)

Lead (ppm)

Mercury (ppm)

Molybdenum (ppm)

Nickel (ppm)

Selenium (ppm)

Zinc (ppm)

Manganese (ppm)

Particle Size Analysis or

USDA Textural Estimate (%)

N/A

- g. Relate the crop nutrient needs to anticipated yields, soil productivity rating and the various fertilizer or nutrient sources from sludge and chemical fertilizers. Describe any specialized agronomic management practices which may be required as a result of high soil pH. If the sludge is expected to possess an unusually high CCE or other unusual properties, provide a description of any plant tissue testing, supplemental fertilization or intensive agronomic management practices which may be necessary.
- Using a narrative format and referencing any related charts, describe the proposed cropping system. Show
  how the crop rotation and management will be coordinated with the design of the land application system.
  Include any supplemental fertilization program, soil testing and the coordination of tillage practices, planting
  and harvesting schedules and timing of land application.

FACI	LITY NAME: VPDES PERMIT NUMBER:  SEWAGE SLUDGE APPLICATION AGREEMENT
This s	ewage sludge application agreement is made on this date
	wner is the owner of agricultural land shown on the map attached as Exhibit A and designated there as  ("landowner's land"). Permittee agrees to apply and landowner agrees to comply with
	n permit requirements following application of sewage sludge on landowner's land in amounts and in a manner authorized DES permit number which is held by the Permittee.
condit	wner acknowledges that the appropriate application of sewage sludge will be beneficial in providing fertilizer and soil ioning to the property. Moreover, landowner acknowledges having been expressly advised that, in order to protect health, the following site restrictions must be adhered to when sewage sludge receives Class B treatment for pathogen ion:
1.	Food crops with harvested parts that touch the sewage sludge/soil mixture and are totally above the land surface shall not be harvested for 14 months after application of sewage sludge;
2.	Food crops with harvested parts below the surface of the land shall not be harvested for 20 months after application of sewage sludge when the sewage sludge remains on the land surface for four months or longer prior to incorporation into the soil;
3.	Food crops with harvested parts below the surface of the land shall not be harvested for 38 months after application of sewage sludge when the sewage sludge remains on the land surface for less than four months prior to incorporation into the soil;
4.	Food crops, feed crops, and fiber crops shall not be harvested for 30 days after application of sewage sludge;
5.	Animals shall not be grazed on the land for 30 days after application of sewage sludge;
6.	Turf grown on land where sewage sludge is applied shall not be harvested for one year after application of the sewage sludge when the harvested turf is placed on either land with a high potential for public exposure or a lawn, unless otherwise specified by the State Water Control Board;
7	Public access to land with a high potential for public exposure shall be restricted for one year after application of sewage sludge;
8.	Public access to land with a low potential for public exposure shall be restricted for 30 days after application of sewage sludge.
9.	Tobacco, because it has been shown to accumulate cadmium, should not be grown on landowner's land for three years following the application of sewage sludge borne cadmium equal to or exceeding 0.5 kilograms/hectare (0.45

Permittee agrees to notify landowner or landowner's designee of the proposed schedule for sewage sludge application and specifically prior to any particular application to landowner's land. This agreement may be terminated by either party upon written notice to the address specified below.

Landowner:	Permittee:		
Signature	Signature		
Mailing Address	Mailing Address		

pounds/acre).

## SECTION D. SURFACE DISPOSAL

Complete this section only if you own or operate a surface disposal site. Provide the information for each active sewage sludge unit.

1.	Inform	nation on Active Sewage Sludge Units.	•
	a.	Unit name or number:	;
	Ъ.	Unit location	
		i. Street or Route#:	
		County:	
		City or Town: State: Zip:	•
		ii. Latitude: Longitude:	
		Method of latitude/longitude determination	
		USGS map Filed survey Other	•
	c.	Topographic map. Provide a topographic map (or other appropriate map if a topographic map	is unavailable)
		that shows the site location.	
	đ.	Total dry metric tons of sewage sludge placed on the active sewage sludge unit per 365-day per	iod:
	_	dry metric tons.  Total dry metric tons of sewage sludge placed on the active sewage sludge unit over the life of	the unit
	е.	dry metric tons.	me umt.
	f.	Does the active sewage sludge unit have a liner with a minimum hydraulic conductivity of 1 x 10 <sup>-7</sup> cm/sec?YesNo If yes, describe the liner or attach a description.	in a second of the second of t
		·	
		Does the active sewage sludge unit have a leachate collection system?YesNo	en e
	g	If yes, describe the leachate collection system or attach a description. Also, describe the metho	dured for
		leachate disposal and provide the numbers of any federal, state or local permits for leachate disp	
		reactiate disposar and provide the numbers of any federar, state of local permits for feachate disp	Jusai.
	h.	If you answered no to either f or g, answer the following:	· · · · · · · · · · · · · · · · · · ·
	ш.	Is the boundary of the active sewage sludge unit less than 150 meters from the property line of t	he surface
	. *	disposal site?YesNo If yes, provide the actual distance in meters:	no surruco
	i.		metric tons
	4.	<u> </u>	D/YYYY)
	2.2	Provide with this application a copy of any closure plan developed for this active sewage sludge	
2.	Sewage	e Sludge from Other Facilities.	
4	Is sewa	ige sludge sent to this active sewage sludge unit from any facilities other than yours?Yes	No
	If yes, 1	provide the following information for each such facility, attach additional sheets as necessary.	
	a. ·	Facility name:	
	b.	Facility contact:	the second of
		Title:	
		Phone: ( )	
	c.	Mailing address.	
		Street or P.O. Box:	1 3
		City or Town: State: Zip:	
	d.	List, on this form or an attachment, the facility's VPDES permit number as well as the numbers of	of all other
	•	federal, state or local permits that regulate the facility's sewage sludge management practices:	
		Permit Number: Type of Permit:	
	e.	Which class of pathogen reduction is achieved before sewage sludge leaves the other facility?	.8
		Class A Class B Neither or unknown	
	f.	Describe, on this form or on another sheet of paper, any treatment processes used at the other fac	ility to
		reduce pathogens in sewage sludge:	·—-,
		ranna humadam m aa unda araaba.	

FACILII	Y NAME: VPDES PERMIT NUMBER
8	Which vector attraction reduction option is achieved before sewage sludge leaves the other facility?
	Option 1 (Minimum 38 percent reduction in volatile solids)
	Option 2 (Anaerobic process, with bench-scale demonstration)
	Option 3 (Aerobic process, with bench-scale demonstration)
	Option 4 (Specific oxygen uptake rate for aerobically digested sludge)
	Option 5 (Aerobic processes plus raised temperature)
	Option 6 (Raise pH to 12 and retain at 11.5)
	Option 7 (75 percent solids with no unstabilized solids)
	Option 8 (90 percent solids with unstabilized solids)
	None or unknown
h	
L	vector attraction properties of sewage sludge:
	vector attraction properties of sewage studge.
i	Describe, on this form or another sheet of paper, any other sewage sludge treatment activities performed by
1.	the other facility that are not identified in e - h above:
	the other factivy that are not identified in e - it above.
•	
2 1	and the state of t
	ector Attraction Reduction.
а	
	sludge unit?
	Option 9 (Injection below land surface)
	Option 10 (Incorporation into soil within 6 hours)
_	Option 11 (Covering active sewage sludge unit daily)
ъ	
-	unit to reduce vector attraction properties of sewage sludge:
4.50 G	ound Water Monitoring.
· a.	Is ground water monitoring currently conducted at this active sewage sludge unit or are ground water
	monitoring data otherwise available for this active sewage sludge unit?YesNo
e	If yes, provide a copy of available ground water monitoring data. Also provide a written description of the
-	well locations, the approximate depth to ground water, and the ground water monitoring procedures used to
	obtain these data.
Ъ.	Has a ground water monitoring program been prepared for this active sewage sludge unit?
	YesNo If yes, submit a copy of the ground water monitoring program with this application.
c.	Have you obtained a certification from a qualified ground water scientist that the aquifer below the active
	sewage sludge unit has not been contaminated?YesNo
	If yes, submit a copy of the certification with this application.
5. Si	e-Specific Limits.
	e you seeking site-specific pollutant limits for the sewage sludge placed on the active sewage sludge unit?
	YesNo If yes, submit information to support the request for site-specific pollutant limits with this application.